LOCAL LIGHT AND BUOY LIST

NEW ENGLAND COAST

1934

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U. S. DEPARTMENT OF COMMERCE

LIGHTHOUSE SERVICE

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U. S. DEPARTMENT OF COMMERCE
DANIEL C. ROPER, Secretary
LIGHTHOUSE SERVICE
GEORGE R. PUTNAM, Commissioner

ATLANTIC COAST OF THE UNITED STATES

LOCAL LIGHT AND BUOY LIST

Including Lights, Fog Signals,
Buoys, and Daymarks

NEW ENGLAND COAST

MAINE, NEW HAMPSHIRE, AND MASSACHUSETTS

FIRST AND SECOND LIGHTHOUSE DISTRICTS

1934

CORRECTED TO JANUARY 15

UNITED STATES
GOVERNMENT PRINTING OFFICE
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INTRODUCTION AND EXPLANATION OF TABLES

This list, published annually, describes aids to navigation maintained by or under authority of the United States Lighthouse Service of the Department of Commerce within the limits stated on the title-page. As respects lights and fog signals it is a reprint of the general light list, with page numbers unchanged. In this Local Light and Buoy List there is also included at the end a list of unlighted buoys and daymarks.

Arrangement of list.—The aids are arranged in geographic order. Entrance and harbor aids are listed from seaward to the head of navigation.

Names of aids are printed as follows:

PRIMARY SEACOAST LIGHTS.
Secondary Lights.
River, Harbor, and Other Lights.
Unlighted Fixed Aids.
LIGHTSHIPS.
Other Floating Aids.

Correction of Light List.—The lists are corrected to the date of publication printed on the title-page. The mariner is cautioned that the latest list must be used. It is not practicable for the department to correct individual copies, but Notice to Mariners is published weekly announcing all changes in aids to navigation. The navigator should keep his Light List, as well as his charts, corrected from these notices, and should consult all notices issued after the date of publication of the list.

Mariners are requested to bring to the immediate attention of the Commissioner of Lighthouses any apparent errors or omissions in this list which have not been covered by a Notice to Mariners issued subsequently to the date of publication.

The Notice to Mariners will be mailed weekly, free of charge, to any mariner who will apply to the Lighthouse Service, Department of Commerce, Washington, D. C.

When its importance warrants, information concerning changes in aids to navigation is broadcast by the Lighthouse Service, through Naval or other means.

Publications.—The Lighthouse Service, Department of Commerce, publishes, for general navigation, the Atlantic Light List and the Pacific Light List, which describe lighted aids and fog signals.

For the convenience of local navigation the department also publishes a series of Local Light and Buoy Lists for various sections of the Atlantic coast, which include identically the same information as is in the general lists, as respects lights and fog signals, together with a supplement containing a list of unlighted buoys and daymarks.

These lists are not intended for use in navigation in the place of charts and coast pilots and should not be so used; the charts should be consulted for the location of all aids to navigation.

Light Lists of the Lighthouse Service, Department of Commerce, are for sale by the Superintendent of Documents, Washington, D. C., and by sales agencies.

Charts, Coast Pilots, Tide Tables, and Current Tables of the coasts covered by this list are published by the Department of Commerce and are for sale by the United States Coast and Geodetic Survey and by sales agencies.

Defects in aids to navigation.—Mariners are requested to report direct to the nearest superintendent of lighthouses (address as below), by radio or other prompt means, defects in aids to navigation.

PORTLAND, ME., Superintendent of Lighthouses, *First District.*—Includes the waters of Maine and New Hampshire.

CHELSEA, MASS., Superintendent of Lighthouses, *Second District.*—Includes the waters of Massachusetts, and of Rhode Island to Point Judith.

Recommendations as to aids to navigation, or their improvement, or reports of aids no longer needed, should be mailed to the same addresses, or to the Commissioner of Lighthouses, Washington, D. C.

Laws for the protection of aids to navigation provide severe penalties.—It is unlawful to show any false light, with intent to bring any vessel into danger or shipwreck, to interfere with any aid to navigation or to anchor any vessel in navigable waters of the United States so as to obstruct range lights, or to establish or maintain in the navigable waters of the United States any aid to navigation similar to those maintained by the Department of Commerce without first obtaining permission from the Commissioner of Lighthouses.

Collisions of vessels with lightships, buoys, or other aids to navigation.—The licensed officer in command of a vessel colliding with any aid to navigation must report the collision promptly to the Department of Commerce through the nearest board of local inspectors of steamboats.

Bearings are in degrees true, reading clockwise from 0° at N.; bearings relating to visibility of lights are as observed from a vessel.

Distances are in nautical miles unless otherwise stated.

Heights are referred to mean high water.

Depths are referred to mean low water.

Unwatched lights.—"U" after the name of a light indicates that the light is unwatched. All lighted buoys are unwatched. Unwatched lights may become irregular or extinguished, although such apparatus has a high degree of reliability.

Reliance must not be placed on floating aids maintaining their exact positions; in cases of uncertainty it is safer to navigate by bearings or angles to fixed objects on shore and by the use of soundings.

Latitudes and longitudes in this list are approximate and are only intended to facilitate reference to a chart.

Character of lights.—To avoid confusion, lights are given distinct characteristics; these are indicated by abbreviations, as follows:

Lights which do not change color	Characteristic phases	Lights which show alternately white and red in various combinations
F.=Fixed	A continuous steady light	Alt.=Alternating.
Fl.=Flashing	(*a*) Showing a single flash at regular intervals (*b*) A steady light with total eclipses.	Alt. Fl.=Alternating flashing.
F. Fl.=Fixed and flashing	A fixed light varied at regular intervals by 1 or more flashes, usually of greater brilliance. A flash is preceded and followed by a diminution of light or an eclipse.	Alt. F. Fl.=Alternating fixed and flashing.
Gp. Fl.=Group flashing	Showing at regular intervals groups of flashes	Alt. Gp. Fl.=Alternating group flashing.
Occ.=Occulting	A steady light totally eclipsed at intervals	Alt. Occ.=Alternating occulting.
Gp. Occ.=Group occulting	A steady light totally eclipsed by a group of 2 or more eclipses.	

W.=White; R.=Red; G.=Green.

Lights are characterized as flashing or occulting according to the relative durations of light and darkness.

A flash is usually shorter than the duration of an eclipse.

An occultation is shorter than, or equal to, the duration of light.

In approaching a light of varying intensity, such as fixed varied by flashes, or alternating white and red, due allowance must be made for the inferior brightness of the less powerful part of the light. The first-named light may, on account of distance or haze, show flashes only and the true characteristic will not develop until the observer comes within range of the fixed light; similarly the second named may show as occulting white until the observer comes within range of the red light.

At short distances and in clear weather flashing lights may show a faint continuous light.

Period of a flashing or occulting light is the time required to go through the full set of changes.

Miles seen.—The distance at which a light may be seen in clear weather is the geographic ranges computed in nautical miles for a height of the observer's eye of 15 feet above sea level; the luminous range is given in the list when the light is not of sufficient power to be seen to the limit of its geographic range. These distances may at times be increased by abnormal atmospheric refraction, and of course may be greatly lessened by unfavorable weather conditions due to fog, rain, haze, or smoke. Weak lights and colored lights are easily obscured by such conditions.

Under certain atmospheric conditions, especially with the more powerful lights, the glare of the light may be visible beyond the computed geographic range. When approaching a high-power light it evidently may be seen earlier from aloft.

The table following gives the approximate geographic range of visibility for an object which may be seen by an observer whose eye is at sea level; in practice, therefore, it is necessary to add to these a distance of visibility corresponding to the height of the observer's eye above sea level.

Distances of visibility for objects of various elevations above sea level

Height (feet)	Distance (nautical miles)	Height (feet)	Distance (nautical miles)	Height (feet)	Distance (nautical miles)	Height (feet)	Distance (nautical miles)
5	2.5	55	8.5	110	12.0	450	24.2
10	3.6	60	8.8	120	12.5	500	25.5
15	4.4	65	9.2	130	13.0	550	26.8
20	5.1	70	9.5	140	13.5	600	28.0
25	5.7	75	9.9	150	14.0	650	29.1
30	6.2	80	10.2	200	16.1	700	30.2
35	6.7	85	10.5	250	18.1	800	32.3
40	7.2	90	10.8	300	19.8	900	34.3
45	7.7	95	11.1	350	21.4	1,000	36.1
50	8.1	100	11.4	400	22.8		

Candlepowers of lights are approximate and are stated in English candles. When the power of a light varies, as in the case of a white light with a red sector, or a fixed light varied by flashes, the candlepower of both white and red, or fixed light and flash, is given. From the stated candlepowers the mariner may judge of the relative brilliancy and power of the various lights.

Light sectors.—In some conditions of the atmosphere white lights may have a reddish hue; the mariner, therefore, should not trust solely to color where there are sectors, but should verify the position by taking a bearing on the light. On either side of the line of demarcation between white and red there is always a small sector of uncertain color, as the edges of a sector can not be cut off sharply. When a light is cut off by adjoining land, and the arc of visibility is given, the bearing on which the light disappears may vary with the distance of the vessel from which observed.

Radiobeacon signals are sent continuously during fog or low visibility and at the times and on the frequencies given in the list of stations, characteristic, etc., on page 84. They are the most valuable fog signals and are also available for navigation in clear weather.

In plotting long-range bearings on a chart of the Mercator projection a correction must be made, as the line of bearing is not a straight line excepting in the meridian.

Distance finding stations.—At certain stations the sound and radio signals are synchronized for the purpose of distance finding. For the names of stations and method of operation, see page 67.

Sound in air fog signals.—Mariners are cautioned that fog signals sounded in air can not be implicitly relied upon, and that the lead should never be neglected.

Experience teaches:

That distances must not be judged by the power of the sound.

That occasionally there may be areas close to a fog signal in which it can not be heard, and that, therefore, the mariner must not assume that a signal is not sounding because he does not hear it, even when near it.

That a fog may exist a short distance from a station and not be seen from it, so that the signal may not be sounded.

Attention should be given to observing a fog signal in positions where the noises of the ship are least likely to interfere with the hearing, as experience shows that though such a signal may not be heard from the deck or bridge when the engines are running, it may be heard when the ship is stopped, or from a quiet position; it may sometimes be heard aloft, though not on deck.

Bells at light stations are operated by clockwork, unless otherwise stated.

Effort is made in all cases to start fog signals as soon as possible after fog has been observed, but there may be some delay.

Radio direction finder stations on shore are operated by the United States Navy. A list, with instructions for obtaining bearings, is given on page 90.

Submarine oscillators and bells have an effective range of audibility greater than signals sounded in air.

Whistle and bell buoys are operated by the action of the sea; therefore, they sound irregularly, and in calm weather they are less effective or may not sound.

Lightships under way, or off station, will fly the International Code signal letters "PC" (signifying "lightship is not at anchor on her station").

All lightships on stations and all vessels relieving station ships will display the International Code signal of the station whenever a vessel is approaching or in the vicinity and there are indications that such vessel is in strange waters or fails to recognize the station, or when the vessel asks for the information.

The International Code signal for each lightship station is stated in this list.

Lightships, where so stated, carry riding lights for the purpose of showing in which direction the ship is riding.

Relief lightships may be placed at any of the lightship stations, and, when practicable, will exhibit lights and sound signals having the characteristics of the station. Relief lightships usually have all visible parts from the bow to the middle of the foremast, and from the middle of the mainmast aft, painted red; all visible parts between the fore and main masts, including the middle third of each lantern mast, white except stack, which is black, with the word "RELIEF" in black letters on each side, or the entire hull of the relief lightship may be painted red with the word "RELIEF" thereon in white letters.

Lighthouse tenders when working on buoys in channels or other frequented waters may display a red flag (international signal-code letter "B") and a black ball at the fore, as a warning to other vessels to slow down in passing. Passing

vessels will facilitate the work of the Lighthouse Service by a proper observance of the signals.

Colors of lights for buoys and beacons.—Red or white lights are placed on the right or starboard side of a channel for the entering vessel, and white or green lights on the left or port side. White lights may be on either or both sides of the channel, but colored lights are only on the sides indicated respectively. The same rules apply to lights on fixed structures serving a purpose similar to that of buoys. Coast lights and lightships near channels or entrances may not conform to this system.

At present there is no rule as to lights on buoys or beacons marking fairways; or for those marking obstructions or wrecks, excepting where these take the character also of the channel side marks, in which case they follow the above rule for channels.

Lighted buoys are not at present uniformly differentiated as to shape, with respect to the side of the channel; they have bodies which contain the gas tanks or gas, and are usually surmounted by skeleton superstructures with lanterns; combination buoys have both light and bell, or light and whistle.

Colors, shapes, and numbers of buoys.—On the right or starboard side of the channel for the entering vessel are placed conical or nun buoys, painted red, and with even numbers, and on the left or port side, cylindrical or can buoys, painted black, and with odd numbers; the numbers for each side increase from seaward.

Obstructions with channel ways on either side are marked with buoys painted with red and black horizontal bands, which may be left on either side, with due caution as to the position of the buoy with relation to the obstruction, as shown on the chart. In general, obstruction buoys have no distinctive shape, but in the case of buoys with horizontal bands marking obstructions or bifurcations of channels, when it is desired to indicate the main channel, a can buoy with black band at the top is used when the important channel is to the right for the entering vessel, and a nun buoy with red band at the top when the important channel is to the left.

Fairways are indicated, where necessary, by buoys painted with black and white vertical stripes; such buoys are placed in good water in mid-channel or approaches, and may be passed close-to on either side. Mid-channel buoys have no distinctive shape at present.

Offshore Buoys along the Atlantic coast, are colored and numbered from north to south, and along the Pacific coast from south to north, conforming to the order of Light Lists; this does not apply to outside buoys which have a definite approach signification, and which are colored and numbered to conform to the approach. In channels not having a definite approach character, buoys are colored and numbered from north to south or from east to west on the Atlantic coast and from south to north or west to east on the Pacific coast. The intracoastal waterway along the Atlantic coast has its aids colored and numbered from north to south where this does not conflict with the requirements of intersecting entrance channels.

Bell Buoys have a flat topped float with skeleton superstructure supporting a bell. Whistle Buoys, are conical, with whistle at top. Spar Buoys are long slender buoys of wood or iron. These classes of buoys, as well as lighted buoys, have not at present a shape distinction to indicate the side of channel or entrance, although a shape distinction is being introduced for wood spar buoys.

Anchorage Buoys are painted white.

Quarantine Anchorage Buoys are painted yellow.

Certain Other Special Buoys are in use locally, such as white with green top for dredging buoys, and black and white horizontally banded for fish-net areas in the fifth district.

Station Buoys, colored the same as the regular aids, are placed alongside of lightships and important buoy stations to mark them in case the regular aid is carried away. Lightship station buoys bear the letters "LS" above the initials of the station.

Caution regarding buoys.—Buoys are liable to be carried away, shifted, capsized, sunk, etc.; lighted buoys may be extinguished; or whistle or bell buoys may not sound, as the result of storm, the accumulation of ice, running ice, or other natural causes, or collision, or other accidents.

Day beacons are constructed and distinguished with special reference to each locality, and particularly with regard to the background upon which they are projected. Beacons on the sides of channels are, when practicable, colored to conform to the coloring of buoys, subject to the above condition as to background.

Abbreviations designating the order or internal diameter of illuminating apparatus and kind of illuminants, etc.:

1=1st order.	a=acetylene gas, compressed.
2=2d order.	ac=acetylene gas, carbide to water.
3=3d order.	cp=candlepower.
3½=3½ order.	ei=electric incandescent.
4=4th order.	g=gas.
5=5th order.	iov=incandescent oil vapor.
6=6th order.	m=mantle.
Rf=reflector.	mm=millimeter.
Rg=range lens.	o=oil in regular service lamp.
Ll=lens lantern.	pc=primary cell.
Pl=post lantern.	pg=oil gas.
Hl=hand lantern.	

Examples: "4 iov"=4th-order lens with incandescent oil-vapor lamp; "200 mm a" =200-millimeter lens with acetylene.

No	Name Character and period of light	Location Latitude, N.	Longitude, W.	Light above high water	Miles seen
	ST. CROIX RIVER	° ′	° ′	*Feet*	
1	DOG ISLAND Fl. W., R. sector, 5 sec. U.	On northeast side of island		32	7 5
2	ST. CROIX RIVER F. Fl. W., 30 sec.	On Dochet Island		77	10 13
3	WHITLOCKS MILL F. G.	On south bank of river		32	9
	QUODDY ROADS				
4	LUBEC CHANNEL Fl. W., 15 sec.	On west edge of dredged channel from roads.		53	12
5	West Quoddy Head Gp. Occ. W., 15 sec. Radiobeacon.	On east end of head, southwest side of entrance to roads. 44 49	66 57	83	15
	SEACOAST				
6	Little River F. Fl. W., 15 sec.	At mouth of Little River (Cutler Harbor). 44 39	67 12	57	13
6. 5	*Little River Lighted Whistle Buoy 2 LR.* Fl. W., 3 sec.	In 280 feet		16	9
7	AVERY ROCK Fl. W., 5 sec. U.	On south end of rock, Machias Bay. 44 39	67 21	54	13
8	LIBBY ISLANDS F. W	On southwest island, entrance to Machias Bay. 44 34	67 22	91	15
9	MOOSE PEAK Fl. W., 30 sec.	On east point of Mistake Island. 44 29	67 32	72	14
9. 5	*Moose Peak Lighted Whistle Buoy 4 MP.* Fl. W., 3 sec.	In 150 feet, off Mistake Island		16	9

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
W. 70 R. 20 200 mm ei	Flash 1 sec. Red from 306° to 36° covers Clark Ledge. **SIREN**, electric; blast 5 sec., silent 25 sec.	White, pyramidal skeleton tower. 21	1919
F. 510 Fl. 2,400 5 om	Fixed light with 3 sec. flash every 30 sec. **BELL**, 1 stroke every 15 sec.	White dwelling. 39	1857 1901
780 4 ei	**BELL**; 1 stroke every 20 sec. Maintained only during the season of navigation.	White conical tower. 35	1892 1910
1,700 5 om	Flash 4.4 sec., eclipse 10.6 sec. **BELL**, 1 stroke every 10 sec.	White conical tower on black cylindrical pier.	1890
22,000 3 ei	Light 2 sec., eclipse 2 sec., light 2 sec., eclipse 9 sec. **WHISTLE**, 10-inch steam; gp. 2 blasts every 30 sec.; blast 2 sec., silent 2 sec., blast 2 sec., silent 24 sec. Bell if whistle disabled. **RADIOBEACON**: Transmits gps. 1 dash, 1 dot, 2 dashes, see p. 84 for time schedule, etc.	Red and white horizontally banded tower. 49	1808 1858
F. 2,900 Fl. 13,000 4 iov	Fixed light with 0.6 sec. flash every 15 sec. **BELL**, 1 stroke every 30 sec..	White conical tower. 41	1847 1876
390 375 mm a	Flash 0.3 sec. **WHISTLE**, on buoy.	Red.	
1, 300 4 a	Flash 1 sec.	White square tower on dwelling. 40	1875
2,900 4 iov	Light obscured when bearing east-northeast. **DIAPHONE**, air; blast 2 sec., silent 13 sec. Bell if diaphone disabled.	White granite conical tower. 42	1817
110,000 2 iov	Flash 4 sec., eclipse 26 sec. **HORN**, 1st-cl. reed; gp. 2 blasts every 30 sec.: Blast 4 sec., silent 2 sec., blast 4 sec., silent 20 sec.	White tower covered way to dwelling. 57	1827
390 375 mm a	Flash 0.3 sec. **WHISTLE**, on buoy.	Red.	

SEACOAST AND FRENCHMAN BAY

No.	Name Character and period of light	Location Latitude, N. Longitude, W.	Light above high water	Miles seen
	SEACOAST	° ′ ° ′	*Feet*	
10	EMMS ROCK Fl. W., 3 sec. U.	On north end of breakwater extending from Nova Rocks, south side of east entrance to Moosabec Reach.	23	7
11	Nash Island F. R.	Off east side of mouth of Pleasant Bay. 44 28 67 45	51	9
12	*Pond Island Lighted Bell Buoy 1.* Fl. W., 3 sec.	In 69 feet east of Pond Island.	12	7
13	*Southeast Rock Lighted Whistle Buoy 6A.* Fl. W., 15 sec.	In 120 feet, south of rock, 3.2 miles 135° from Petit Manan Lighthouse.	16	9
14	PETIT MANAN F. Fl. W., 120 sec.	On east point of Petit Manan Island. 44 22 67 52	123	17
15	PROSPECT HARBOR F. R., 2 W. sectors.	On east side of entrance to inner harbor.	42	9 12
16	*Winter Harbor Lighted Bell Buoy.* Fl W., 6 sec.	In 30 feet, off south end of Mark Island.	16	9
16.5	*Mount Desert Rock Lighted Whistle Buoy.* Fl. W., 3 sec.	In 300 feet, 2 miles 334° from Mount Desert Lighthouse. 44 00 68 09	16	9
17	MOUNT DESERT Fl. W., 15 sec. Radiobeacon. (Seacoast continued at no. 24.)	On Mount Desert Rock, 20 miles south of Mount Desert Island. 43 58 68 08	75	14
	FRENCHMAN BAY			
17.5	*Schooner Head Lighted Bell Buoy 3.* Fl. W., 3 sec.	In 66 feet, on east side of Schooner Ledge.	12	7
18	Egg Rock Fl. R., 5 sec.	On rock 44 21 68 08	64	14
19	Bar Harbor Radio Direction Finder. Call NQC.	----------	----	----

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
70 200 mm a	Flash 0.3 sec	Black mast on stone structure.	1915
150 4 o	**BELL**; 1 stroke, silent 20 sec.; gp. 2 strokes, silent 20 sec.	White square tower connected with dwelling. 36	1838 1873
130 200 mm a	Flash 0.3 sec **BELL**, on buoy.	Black.	
390 375 mm a	Flash 5 sec **WHISTLE**, on buoy.	Red.	
F. 17,000 Fl. 180,000 2 iov	Fixed light with 6 sec. flash every 120 sec. **TYFON**, air; blast 3 sec., silent 27 sec. Bell if tyfon is disabled.	Gray granite tower. 119	1817 1855
R. 490 W. 680 4 om	White from 317° to 323°; and from 348° to 356° covers fairways. **BELL**; hand, answers signals.	White conical tower covered way to dwelling. 38	1850 1891
390 375 mm a	Flash 1 sec **BELL**, on buoy.	Red and black horizontal bands.	
390 375 mm a	Flash 0.3 sec **WHISTLE**, on buoy.	Black and white vertical stripes.	
70,000 4 ei	Flash 1.3 sec., eclipse 13.7 sec **HORN**; 1st-cl. reed; gp. 3 blasts every 60 sec.; 3 blasts 5 sec. each, 2 silences 10 sec. each, 1 silence 25 sec. Bell if horn is disabled. **RADIOBEACON**; Transmits 1 dash and 3 dots. See p. 84 for time schedule, etc.	Conical gray-granite tower. 58	1830
70 200 mm a	Flash 0.3 sec **BELL**, on buoy.	Black.	
9,000 4 iov	Flash 0.5 sec., eclipse 4.5 sec **HORN**, 1st-cl. reed; gp. 2 blasts every 30 sec.: Blast 4 sec., silent 2 sec., blast 4 sec., silent 20 sec. Bell if horn is disabled, gp. 2 strokes every 20 sec.	White square tower on dwelling. 40	1875
	See p. 90. (U. S. Navy)		

SEACOAST AND EAST PENOBSCOT BAY

No.	Name Character and period of light	Location Latitude, N.	Longitude, W.	Light above high water	Miles seen
	FRENCHMAN BAY	° ′	° ′	*Feet*	
22	**Baker Island** **F. Fl. W.**, 90 sec.	Southwest of entrance to bay 44 15	68 12	105	16
23	*Seal Harbor Lighted Buoy 2* **Fl. W.**, 6 sec.	In 30 feet, off east side of entrance to harbor.		11	7
	SEACOAST (Continued from no. 17)				
24	**Great Duck Island** **Fl. R.**, 10 sec. (Continued at no. 38)	On south end of island 44 09	68 15	67	14
	FRENCHMAN BAY				
25	BEAR ISLAND **Fl. W.**, 6 sec.	Southeast of entrance to Northeast Harbor. 44 17	68 16	100	12
	BLUEHILL BAY				
27	BASS HARBOR HEAD **F. R.**	On southwest point of Mount Desert Island.		56	9
	JERICHO BAY				
28	BURNT COAT HARBOR **F. W.**	On Hockamock Head		75	12
	BLUEHILL BAY				
29	BLUE HILL BAY **F. W.**	On Green Island, west side of bay.		26	9
	EAST PENOBSCOT BAY				
31	**Saddleback Ledge** **F. W.**	On ledge 44 01	68 44	54	13
32	ISLE AU HAUT **Fl. R., W. sector. 3 sec. U.**	At Robinson Point		48	9 12
33	DEER ISLAND THOROFARE **F. W.**	On west side of Mark Island, west end of Thorofare.		52	12
34	GOOSE ROCKS **Fl. R., W. sector, 5 sec.**	On ledge, east entrance to Fox Islands Thorofare.		51	13

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
F. 2, 900 Fl. 24, 000 4 iov	Fixed light with 5 sec. flash every 90 sec.	White tower connected to dwelling. 43.	1828 1855
70 200 mm a	Flash 2 sec	Red	
8, 400 4 iov	Flash 1 sec., eclipse 9 sec **DIAPHONE**, air, blast 2.5 sec., silent 17.5 sec., Bell if diaphone disabled.	White cylindrical tower. 42	1890
550 5 a	Flash 1 sec., eclipse 5 sec **BELL**; 1 stroke every 15 sec.	White cylindrical tower. 31	1839 1889
150 4 o	**BELL**; 1 stroke every 10 sec	White tower connected to dwelling. 32	1858
680 4 om	**BELL**; 1 stroke every 15 sec	White square tower connected to dwelling. 39	1872
510 5 om	**BELL**; 1 stroke, silent 20 sec.; gp. 2 strokes, silent 20 sec.	White tower connected to dwelling. 28	1856
2, 900 4 iov	**BELL**; 1 stroke every 10 sec	Gray conical tower, white base; white dwelling attached. 42	1839
R. 65 W. 210 300 mm a	Flash 0.3 sec. white from 34° to 60°, covers fairway to Isle au Haut Thorofare.	Tower, lower part conical, gray; upper part cylindrical, white, brick; white bridge to shore. 49	1907
680 4 om	**BELL**; gp. 2 strokes every 15 sec.	White square tower attached to dwelling. 32	1857
R. 2,300 W. 7,800 4 om	Flash 0.5 sec., eclipse 4.5 sec White from 291° to 307° covers fairway. **BELL**; 1 stroke, silent 20 sec.; gp. 2 strokes, silent 20 sec.	White conical tower, black cylindrical foundation.	1890

SEACOAST AND WEST PENOBSCOT BAY

No.	Name Character and period of light	Location Latitude, N. Longitude, W.	Light above high water	Miles seen
	EAST PENOBSCOT BAY	° ′ ° ′	*Feet*	
35	EAGLE ISLAND F. W.	On bluff at northeast end of island.	106	12
36	PUMPKIN ISLAND Fl. W., 3 sec. U.	On Pumpkin Island Dry Ledge.	31	9
37	HERON NECK F. R.	East side of south entrance to West Penobscot Bay.	92	14
	SEACOAST (Continued from no. 24)			
38	**MATINICUS ROCK** Fl. Alt. Gp. Fl. W., 15 sec. 1 flash. 2 flashes.	On south part of rock 43 47 68 51	90	15
38. 5	*Two Bush Island Lighted Whistle Buoy TBI.* Fl. W., 3 sec.	In 126 feet, at east entrance to Two Bush Channel.	12	7
39	**Two Bush Island** Fl. W., R. sector, 5 sec.	On southwest point of the greater Two Bush Island. 43 58 69 04	65	14
40	**Whitehead** F. W. (Seacoast continued at no. 50)	On island, west side of south entrance to Muscle Ridge Channel. 43 59 69 08	75	14
	WEST PENOBSCOT BAY			
41	OWLS HEAD F. W.	On south side of entrance to Rockland Harbor. 44 06 69 03	100	16
42	ROCKLAND BREAKWATER Fl. W., 5 sec.	On south end of breakwater	39	12
43	BROWNS HEAD F. W., 2 R. sectors.	On northwest point of Vinalhaven Island, west entrance to Fox Islands Thorofare.	39	12 9
45	NEGRO ISLAND F. W.	On south side of entrance to Camden Harbor.	52	12

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
680 4 om	**BELL**; 1 stroke every 20 sec----	White tower attached to dwelling. 34	1839 1858
130 200 mm a	Flash 0.3 sec----------	Black iron spindle.	1933
870 4 iov	Light obscured close-to between 312° and 318°. **BELL**; 1 stroke every 15 sec.	White tower connected to dwelling. 28	1854
43,000 3 iov	Flash 0.5 sec., eclipse 5.5 sec., flash 0.5 sec., eclipse 2.5 sec., flash 0.5 sec., eclipse 5.5 sec. **DIAPHONE**, air, blast 2.5 sec. silent 12.5 sec. Bell if diaphone disabled.	Cylindrical, gray, granite tower and dwelling. 48	1827 1857
70 200 mm a	Flash 0.5 sec---------- **WHISTLE**, on buoy.	Black and white vertical stripes.	
W. 28,000 R. 8,400 4 iov	Flash 0.5 sec., eclipse 4.5 sec. Red from 196° to 247°, covers ledges to eastward. Obscured northward of 61° and westward of 196°. **BELL**; gp. 2 strokes every 20 sec.	White square tower. 42	1897
24,000 3 ei	**TYFON**; air; gp. 2 blasts every 15 sec, blast 1.5 sec., silent 3 sec., blast 1.5 sec., silent 9 sec.	Gray tower attached to red-brick service room. 41 Weather signal station.	1807 1852
7,000 4 ei	Obscured from 324° to 354° by Monroe Island. **BELL**; 1 stroke every 15 sec.	White tower. 26	1826
28,000 4 iov	Flash 0.5 sec., eclipse 4.5 sec---- **HORN**, 1st-cl. reed, blast 5 sec., silent 15 sec. Bell if horn is disabled.	White square tower on corner of fog-signal house, on granite pier. 33	1888 1902
W. 680 R. 200 4 om	Red from 1° to 50°, and from 61° to 91°, fairway between. **BELL**; 1 stroke, silent 20 sec., gp. 2 strokes, silent 20 sec.	White cylindrical tower connected to dwelling. 20	1832 1857
680 4 om	**BELL**; hand, answers signals----	White tower. 31	1836 1896

No.	Name Character and period of light	Location Latitude, N. Longitude, W.	Light above high water	Miles seen
	WEST PENOBSCOT BAY	° ′ ° ′	*Feet*	
45. 5	NORTHEAST POINT Fl W., 3 sec. U.	On point, entrance to Camden Harbor.	20	7
46	*Grindel Point Lighted Bell Buoy 1A.* Fl. W., 5 sec.	In 36 feet, on north side of entrance to Gilkey Harbor	12	7
47	DICE HEAD F. W. U.	On north side of entrance to Castine Harbor.	130	18
49	STEEL LEDGE MONUMENT Fl. W., 3 sec. U.	On east side of entrance to Belfast Harbor.	20	10
	PENOBSCOT RIVER			
50	FORT POINT F. W.	On west side of mouth of Penobscot River.	88	12
	SEACOAST (Continued from no. 40)			
51	*Tenants Harbor Lighted Bell Buoy 1.* Fl. W., 3 sec.	In 60 feet, east of Southern Island.	16	9
52	MARSHALL POINT F. W.	On east side of south entrance to Port Clyde Harbor. 43 55 69 16	30	9
53	*Old Man Ledge Lighted Whistle Buoy 2 OM.* Fl. W., 3 sec.	In 180 feet, south of ledge 43 50 69 19	16	9
53. 5	*Marshall Point Lighted Whistle Buoy 1.* Fl. W., 5 sec.	In 144 feet, west entrance to Two Bush Channel.	12	7
54	**MONHEGAN ISLAND** F. Fl. W., 60 sec.	Near center of island 43 46 69 19	178	15 20
55	MANANA ISLAND FOG-SIGNAL STATION.	On west side of island, close to Monhegan Island.	-----	-----
56	*Manana Island Lighted Whistle Buoy 14 M.* Fl. W., 10 sec.	In 258 feet, 2 miles west of island. 43 45 69 22	16	9
57	*Bantam Rock Lighted Whistle Buoy 16 BR.* Fl. W., 15 sec.	In 102 feet 1.8 miles south-southwest from rock. 43 42 69 38	16	9

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
70 200 mm a	Flash 0.3 sec	Red iron spindle.	1932
70 200 mm a	Flash 1 sec **BELL**, on buoy.	Black maintained from June 1 to Sept. 30.	
7,000 4 ei		White tower connected to dwelling. 51	1829 1858
490 500 mm a	Flash 0.3 sec	White lantern on gray, square, stone structure.	1912
490 4 o	**BELL**; 1 stroke every 20 sec	White square tower connected to dwelling. 31	1836 1857
390 375 mm a	Flash 0.3 sec **BELL**, on buoy.	Black.	
5,500 5 ei	**BELL**; 1 stroke every 20 sec. Weather signal station.	White tower. 31	1832 1858
390 375 mm a	Flash 0.3 sec **WHISTLE**, on buoy.	Red.	
70 200 mm a	Flash 1 sec **WHISTLE**, on buoy.	Black.	
F. 1,400 Fl. 150,000 2 iov	Fixed light with 5.6 sec. flash every 60 sec. Within 3 miles of island the light is obscured between west and southwest.	Gray conical tower, covered way to white dwelling. 47	1824 1850
	TYFON; air; gp. 3 blasts every 60 sec.; 3 blasts, 3 sec. each; 2 silences, 8 sec. each, 1 silence 35 sec. Bell if tyfon disabled.	Brown brick house.	1855 1870
390 375 mm a	Flash 3 sec **WHISTLE**, on buoy.	Red.	
390 375 mm a	Flash 5 sec **WHISTLE**, on buoy.	Red.	

SEACOAST, SHEEPSCOT AND KENNEBEC RIVERS

No.	Name Character and period of light	Location Latitude, N.	Longitude, W.	Light above high water	Miles seen
	SEACOAST	° ′	° ′	*Feet*	
58	FRANKLIN ISLAND Fl. W., 6 sec. U.	On northwest side of island, Muscongus Bay. 43 54	69 22	57	12
59	Pemaquid Point F. W.	On west side of entrance to Muscongus Bay. 43 50	69 30	79	12
60	RAM ISLAND F. R., 2 W. sectors.	On south side of Fisherman Island Passage. 43 48	69 36	36	9 11
61	BURNT ISLAND Fl. R., 2 W. sectors, 5 sec.	On west side of entrance to Boothbay Harbor.		61	13
62	*Tumbler Island Lighted Buoy 8.* Fl. W., 3 sec.	In 54 feet, off southwest point of island, Boothbay Harbor.		11	7
63	The Cuckolds Gp. Fl. W., 6 sec. 2 flashes. (Seacoast continued at no. 78)	½ mile south of Cape Newagen. 43 47	69 39	59	13
	SHEEPSCOT RIVER				
65	*Sheepscot River Lighted Buoy SR.* Fl. W., 1.5 sec.	In 252 feet		16	9
	KENNEBEC RIVER				
67	POND ISLAND F. W.	On west side of mouth of river. 43 44	69 46	52	10
68	FORT POPHAM F. G.	On point of rock, west bank of river.		27	7
69	PERKINS ISLAND F. R., 2 W. sectors.	On east side of river		41	-----
70	SQUIRREL POINT			25	-----

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
670 5 a	Flash 1 sec	White tower connected to dwelling. 42	1807 1855
680 4 om	**BELL**; 1 stroke every 10 sec	White pyramidal tower connected to dwelling. 38	1827 1857
R. 200 W. 680 4 om	White from 256° to 263° and from 27° to 49°, covers fairways. **BELL**; 1 stroke every 20 sec.	Tower, gray to height of 20 feet, white above; bridge to shore. 45	1883
R. 2,300 W. 7,800 4 om	Flash 0.5 sec., eclipse 4.5 sec. White from 307° to 316° and from 355° to 8°, covers fairways. **BELL**; gp. 2 strokes every 60 sec.	White conical tower, covered way to dwelling. 32	1821
70 200 mm a	Flash 0.3 sec	Red.	
24,000 4 iov	Flash 0.3 sec., eclipse 1.7 sec., flash 0.3 sec., eclipse 3.7 sec. **HORN**, 1st-cl. reed; blast 3 sec., silent 17 sec. Bell if horn disabled.	White octagonal tower on dwelling. 48	1892 1907
390 375 mm a	Flash 0.5 sec. Maintained from May 1 to Nov. 30.	Black and white vertical stripes.	
510 5 om	**BELL**; 1 stroke every 10 sec	White tower connected to dwelling. 23	1821 1855
75 Ll om	**BELL**; 1 stroke every 15 sec	White, square, pyramidal bell tower; wooden bridge to shore.	1899 1903
R 150 W 510 5 om	White from 11° to 37° and from 166° to 179° covers fairways. **BELL**; 1 stroke, silent 15 sec., gp. 2 strokes, silent 15 sec.	White, octagonal, pyramidal tower. 23	1898
R 150 W 510 5 om	White from 322° to 332°, covers fairway. **BELL**; 1 stroke every 15 sec.	White, octagonal, pyramidal tower. 25	1898

No.	Name Character and period of light	Location Latitude, N. Longitude, W.	Light above high water	Miles seen
	KENNEBEC RIVER	° ′ ° ′	*Feet*	
71	RANGE: DOUBLING POINT FRONT F. W.	At lower end of Fiddlers Reach.	18	-----
72	RANGE: DOUBLING POINT REAR F. W.	235 yards 359½° from preceding.	33	-----
73	FIDDLERS REACH FOG-SIGNAL STATION.	On north side of reach	-----	-----
74	DOUBLING POINT Fl. W., 5 sec. U.	Near upper end of Fiddlers Reach.	23	-----
	SEACOAST (Continued from no. 63.)			
78	**SEGUIN** F. W.	On island, 2 miles south of mouth of Kennebec River. 43 42 69 45	180	20
79	LITTLE MARK ISLAND MONUMENT. U. Fl. W., 3 sec.	On bare islet, on west side of entrance to Mericoneag Sound.	74	7
80	**HALFWAY ROCK** F. W., Alt. F. and Fl. R., 90 sec.	On rock, midway between Cape Small Point and Cape Elizabeth. 43 39 70 02	76	14
81	***PORTLAND LIGHTSHIP*** Occ. W., 2 sec. Radiobeacon.	In 150 feet, off entrance to Portland Harbor. 43 32 70 06	70	11
82	*Old Anthony Lighted Whistle Buoy 22.* Occ. W., 10 sec.	In 108 feet, southwest of Old Anthony rock. 43 32 70 11	16	9
83	Cape Elizabeth Radio Direction Finder. Call NAB.	----------	-----	-----

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
2,500 Rf o	----------	White, octagonal, pyramidal tower. 21	1898
2,500 Rf o	----------	White, octagonal, pyramidal tower. 21	1898
----------	**BELL**; gp. 2 strokes every 20 sec.	White pyramidal.	1914
550 5 a	Flash 0.5 sec **BELL**; 1 stroke every 15 sec.	White, octagonal, pyramidal tower on square gray pier; foot bridge to shore. 34	1898 1899
22,000 1 iov	**DIAPHONE**, air; gp. 2 blasts every 20 sec.: Blast 1.5 sec., silent 1 sec., blast 1.5 sec., silent 16 sec. Bell, if diaphone disabled.	White, cylindrical, granite tower connected to dwelling. 53	1795 1857
70 200 mm a	Flash 0.3 sec	Black and white square stone pyramid.	1927
W 12,000 FR 1,400 Fl R 14,000 3 iov	Fixed white, alternating with fixed red light, with 5 sec. red flash in red period, every 90 sec. **HORN**, 1st-cl. reed; gp. 2 blasts every 60 sec. Blast 4 sec., silent 2 sec., blast 4 sec., silent 50 sec. Bell, if horn is disabled, 1 stroke every 15 sec.	White granite tower attached to dwelling. 77	1871
3,200 375 mm ei	Light 1 sec., eclipse 1 sec. Similar light shown on mainmast if foremast light is inoperative. Riding light F. W. 40 cp., on forestay. **TYFON**, steam; blast 3 sec., silent 27 sec. Bell if tyfon disabled. **RADIOBEACON**: Transmits gps. 1 dash, 1 dot, and 1 dash. See page 566 for time schedule, etc.	Red hull, "PORTLAND" on sides; two red masts, red circular gratings at mastheads. Can station buoy 96° from lightship. Code flag signal WPB	1903
390 375 mm a	Light 5 sec., eclipse 5 sec **WHISTLE**, on buoy.	Red.	
----------	See page 572 (U. S. Navy)		

No.	Name Character and period of light	Location Latitude, N. Longitude, W.	Light above high water	Miles seen
	SEACOAST	° ′ ° ′	*Feet*	
84	*West Cod Ledge Rock Lighted Buoy 2.* Fl. W., 3 sec.	In 10 fathoms, south of ledge, 3.2 miles 84° from Cape Elizabeth Lighthouse.	11	7
85	CAPE ELIZABETH Gp. Fl. W., 30 sec. 6 flashes.	South of entrance to Portland Harbor. 43 34 70 12	129	17
86	*Willard Rock Lighted Buoy 7* Fl. W., 5 sec.	In 48 feet, on east side of 4½-fathom rock.	12	7
87	*Witch Rock Lighted Bell Buoy 2.* Fl. W., 3 sec.	In 48 feet, southeast of shoalest part of rock.	12	7
88	Ram Island Ledge Gp. Fl. W., 6 sec. 2 flashes.	On north side of entrance to Portland Harbor. 43 38 70 11	77	14
89	Portland Head Occ. W., 4 sec.	On southwest side of entrance to Portland Harbor. 43 37 70 12	101	16
	(Seacoast continued at no. 97)			
	CASCO BAY			
90	*Catfish Rock Lighted Buoy 2* Fl. W., 6 sec.	In 24 feet, off southwest point of Cushing Island.	11	7
91	FORT SCAMMEL POINT Fl. W., 5 sec. U.	At southwest point of House Island.	30	-----
92	SPRING POINT LEDGE Fl. W. 2 R. sectors, 5 sec.	In 13 feet, on outer end of ledge, west side of main channel into Portland Harbor.	54	12 9
93	PORTLAND BREAKWATER F. Fl. R., 40 sec.	On northeast end of breakwater.	30	7 9
94	*Dredged Channel Lighted Buoy 5.* Fl. W., 6 sec.	In 30 feet	11	7
95	STATE PIER FOG SIGNAL	On northeast corner of pier	-----	-----

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
70 200 mm a	Flash 1 sec	Red.	
500, 000 2 ei	6 flashes 0.3 sec. each, 5 eclipses 2.2 sec. each, 1 eclipse 17.2 sec. **DIAPHONE**, air; gps. 3 blasts every 30 sec.: 3 blasts 2 sec. each, 2 silences 2 sec. each, 1 silence 20 sec.	White conical tower, covered way to dwelling. 67	1829 1874
70 200 mm a	Flash 1 sec	Black.	
70 200 mm a	Flash 0.3 sec **BELL**, on buoy.	Red.	
15, 000 3 o	Flash 0.3 sec., eclipse 1.2 sec., flash 0.3 sec., eclipse 4.2 sec. **BELL**; 1 stroke every 10 sec.	Light-gray, conical, granite tower.	1905
32, 000 2 ei	Light 2 sec., eclipse 2 sec **HORN**, 1st-cl. reed: Blast 5 sec., silent 15 sec. Bell if horn disabled.	White conical tower connected to dwelling. 80	1791
70 200 mm a	Flash 2 sec	Red.	
70 200 mm a	Flash 0.5 sec	Red iron spindle.	1914 1921
W. 2400 R. 720 5 om	Flash 0.5 sec., eclipse 4.5 sec. White from 330° to 337°, covers fairway entrance; white from 74° to 288°; red in intervening sectors. **BELL**; gp. 2 strokes every 12 sec.	White conical tower on black cylindrical pier.	1897
F. 55 Fl. 130 5 o	Fixed light with 4 sec. flash every 40 sec. **BELL**; 1 stroke every 15 sec.	White tower attached to dwelling. 26	1855 1875
70 200 mm a	Flash 2 sec	Black.	
----------	**HORN**, electric: Blast 5 sec., silent 10 sec. Maintained by Directors of Port of Portland, Maine.		1928

SEACOAST AND PORTSMOUTH HARBOR

No.	Name Character and period of light	Location Latitude, N. Longitude, W.	Light above high water	Miles seen
	CASCO BAY	° ′ ° ′	*Feet*	
95. 5	State Pier F. R. U.	On northeast corner of pier	36	-----
96	House Island Fl. W., 3 sec. U.	In 12 feet, at north end of island.	20	-----
96.5	Cow Island Ledge Fl. W., 3 sec. U.	On ledge north of Great Diamond Island.	26	9
	SEACOAST (Continued from no. 89)			
97	Wood Island Gp. Fl. W., 60 sec.	On east end of island, north side of south entrance to Wood Island Harbor. 43 27 70 20	71	14
98	Goat Island Fl. W., 6 sec.	On southwest end of island, entrance to Cape Porpoise Harbor.	38	11
99	Kennebunkport Pier F. W. U.	On outer end of east pier	25	10
100	Cape Neddick F. R.	On north part of Nubble 43 10 70 36	88	14
101	*Boon Island Ledge Lighted Whistle Buoy 22A.* Fl. W., 15 sec.	In 120 feet, at south end of ledge. Me. 43 07 70 25	16	9
102	**BOON ISLAND** F. W.	On island, 6.5 miles off coast. Me. 43 07 70 29	133	18
103	Whaleback Gp. Fl. W., 10 sec. 2 flashes.	On ledge, northeast side of outer entrance to Portsmouth Harbor. Me. 43 04 70 42	59	13
	(Seacoast continued at no. 109)			
	PORTSMOUTH HARBOR			
104	Portsmouth Harbor (Newcastle). F. W.	On Fort Point N. H. 43 04 70 43	52	13
105	*Goat Island Ledge Lighted Buoy 9.* Fl. W., 3 sec.	In 24 feet, off island N. H.	11	-----
106	Pumpkin Island Reef Fl. W., 3 sec. U.	On reef extending west from island. Me.	22	-----

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
30 ei	Maintained by Directors of Port of Portland.		1926
70 200 mm a	Flash 0.3 sec	Black dolphin.	1910 1918
130 200 mm a	Flash 0.3 sec	Black iron spindle.	1931
30,000 4 iov	3 Flashes 1.2 sec. each, 2 eclipses 8.8 sec. each, 1 eclipse 38.8 sec. **BELL**; 1 stroke, silent 25 sec., gp. 2 strokes, silent 25 sec.	White conical tower connected to dwelling. 54	1808 1858
450 6 a	Flash 1 sec **BELL**; 1 stroke every 20 sec.	White cylindrical tower, covered way to dwelling. 31	1833 1859
400 ei		Pole on stone base.	1910
870 4 iov	**BELL**; 1 stroke every 15 sec	White conical tower. 41	1879
390 375 mm a	Flash 5 sec **WHISTLE**, on buoy.	Red.	
75,000 2 ei	**BELL**; hand answers signals	Gray granite conical tower connected to dwelling; black cask on end on iron spindle, 250 yards 268°. 137	1811 1855
37,000 4 iov	Flash 0.4 sec., eclipse 1.4 sec., flash 0.4 sec., eclipse 7.8 sec. **HORN**, 1st-cl. reed: Blast 5 sec., silent 25 sec.	Gray granite conical tower connected to red, cylindrical, fog-signal tower. 75	1831 1872
7,400 4 ei	**BELL**; 1 stroke every 10 sec	White conical tower, fog-signal house attached. 48	1771 1877
70 200 mm a	Flash 0.3 sec	Black.	
70 200 mm a	Flash 0.3 sec	Red iron spindle.	1916

LITTLE HARBOR AND SEACOAST

No.	Name Character and period of light	Location Latitude, N.	Longitude, W.	Light above high water	Miles seen
	LITTLE HARBOR	° ′	° ′	*Feet*	
107	JAFFREY POINT Fl. R., 3 sec. U.	On end of breakwater	N. H.	22	-----
108	FROSTS POINT Fl. W., 3 sec. U.	On end of breakwater	N. H.	30	-----
	SEACOAST (Continued from no. 103.)				
109	**ISLES OF SHOALS** Fl. W., 15 sec.	On White Island, 5.5 miles off coast. 42 58	N. H. 70 37	82	15

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessels or body Top of lantern above ground	Established Rebuilt
		Feet	*Year*
10 150 mm a	Flash 0.3 sec	Red post on pier.	1896
30 150 mm a	Flash 0.3 sec	Black post on pier.	1896
60,000 2 iov	Flash 3.7 sec., eclipse 11.3 sec **TYFON**, air: Blast 3 sec., silent 27 sec. Bell, if tyfon disabled; gp. 2 strokes every 20 sec.	White conical tower, covered way nearly to dwelling. 58	1821 1859

No.	Name Character and period of light	Location Latitude, N. Longitude, W.	Light above high water	Miles seen
	SEACOAST	° ′ ° ′	*Feet*	
110	RANGE: SALISBURY BEACH FRONT F. R. U. (*See Remarks.*)	On north side of mouth of Merrimack River. Mass. 42 49 70 49	22	5
111	RANGE: SALISBURY BEACH REAR F. W. U.	310 yards 296° from preceding.	45	8
112	Newburyport Harbor F. W.	On north end of Plum Island. 42 49 70 49	50	12
113	RANGE: NEWBURYPORT UPPER HARBOR OUTER. F. R.	On Bailey's New Wharf	37	-----
114	RANGE: NEWBURYPORT UPPER HARBOR INNER. F. R.	116 yards 251° from preceding.	58	-----
116	IPSWICH F. R. U.	On Castle Neck, south side of entrance to Ipswich Harbor. 42 41 70 46	42	10
117	ANNISQUAM HARBOR Fl. W., R. sector, 7.5 sec.	On Wigwam Point, east side of entrance to harbor. 42 40 70 41	45	12
118	*Sandy Bay Breakwater Lighted Buoy 3.* Fl. W., 8 sec.	In 13 fathoms, north entrance to Rockport Harbor.	10	7
119	ROCKPORT BREAKWATER Fl. W., 3 sec. U.	On end of breakwater, west side of entrance to Rockport Inner Harbor.	26	7
120	STRAITSMOUTH F. G.	South side of entrance to Rockport Harbor.	46	9
122	CAPE ANN Gp. Fl. W., 20 sec. 5 flashes.	On south tower, east side of Thacher Island.	166	19
123	Thacher Island Radio Direction Finder. Call NWM.	----------	-----	-----
124	*Cape Ann Lighted Whistle Buoy.* Fl. W., 3 sec. (Seacoast continued at no. 133.5.)	In 240 feet, 2.5 miles 98° from Cape Ann (S.) Lighthouse.	16	9

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
25 Ll ei	Range lights may not mark best water as channel is shifting.	Red, pyramidal, skeleton tower. 18	1891 1922
80 Ll ei	----------	White, pyramidal, skeleton tower. 39	1891 1922
5,800 4 ei	----------	White conical tower. 35	1788 1898
690 300 mm ei	----------	Gray, octagonal, pyramidal tower; brown base. 35	1873 1901
690 300 mm ei	----------	Square pyramidal tower; range face gray. 53	1873 1901
690 300 mm ei	----------	White tower. 35	1838 1932
W. 28,000 R. 8,400 5 ei	Flash 0.9 sec., eclipse 6.6 sec. Red from 180° to 217°. **SIREN**, electric, blast 5 sec., silent 55 sec. Fog signal operated from Oct. 15 to May 15.	White cylindrical tower; elevated walk to dwelling. 41	1801 1897
70 200 mm a	Flash 2 sec Do not pass to eastward of buoy.	Black. Can buoy substituted when ice runs.	
70 200 mm a	Flash 0.3 sec	Red, pyramidal, skeleton tower, on white tank house. 19	1920 1923
690 300 mm ei	----------	White cylindrical tower. 37	1835 1896
160,000 1 ei	5 flashes 2 sec. each, 4 eclipses 1 sec. each, 1 eclipse 6 sec. Fixed white light shown if flashing light inoperative. **DIAPHONE**, air; gp. 3 blasts every 60 sec.: 3 blasts 3 sec. each, 2 silences 3 sec. each, 1 silence 45 sec.	Gray stone tower. 124	1771 1861
----------	See p. 90 (U. S. Navy)		
390 375 mm a	Flash 0.3 sec **WHISTLE**, on buoy.	Black and white vertical stripes.	

GLOUCESTER AND SALEM HARBOR

No.	Name Character and period of light	Location Latitude, N.	Longitude, W.	Light above high water	Miles seen
	GLOUCESTER HARBOR	° ′	° ′	*Feet*	
125	**Eastern Point** **Fl. W., 5 sec.**	On east side of entrance to harbor. 42 35	70 40	57	13
126	GLOUCESTER BREAKWATER **F. R.**	On west end of breakwater		45	12
127	*Round Rock Shoal Lighted Buoy 2.* **Fl. W., 3 sec.**	In 34 feet, southwest of shoal		11	-----
128	TENPOUND ISLAND **Occ. R., 10 sec.**	On island		44	12
	SALEM HARBOR				
129	BAKERS ISLAND **Alt. Fl. W. and R., 15 sec.**	On north part of island 42 32	70 47	111	16
129.5	*Johns Ledge Lighted Buoy 8* **Fl. R., 3 sec.**	In 36 feet, south of ledge 42 32	70 49	12	5
130	RANGE: HOSPITAL POINT FRONT **F. R.**	On west side of Beverly Cove		70	14
131	RANGE: HOSPITAL POINT REAR **F. W.** U.	In steeple of the First Baptist Church, 2,050 yards 276° from preceding.		183	-----
132	FORT PICKERING **F. W.**	On southeast point of Winter Island.		28	8
133	DERBY WHARF **F. R.** U.	On outer end of wharf, west side of harbor.		25	9
	SEACOAST (Continued from no. 124.)				
133.5	*Newcombs Ledge Lighted Whistle Buoy.* **Fl. G., 3 sec.**	In 144 feet, southeast of ledge 42 30	70 44	17	9
134	MARBLEHEAD **F. R.** U.	On north point of Marblehead Neck. 42 30	70 50	130	15

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
30,000 4 ei	Flash 1 sec., eclipse 4 sec. **BELL**; gp. 2 strokes every 20 sec.	White, conical tower, covered way to dwelling. 36	1832 1890
570 Ll ei	**BELL**; 1 stroke every 20 sec.	White on brown, square skeleton. 37	1905 1911
70 200 mm a	Flash 0.3 sec.	Red. Nun buoy substituted when ice runs.	
1,400 5 ei	Light 5 sec., eclipse 5 sec. Fixed red light if occulting light inoperative. **BELL**; gp. 2 strokes every 30 sec.	Brown conical tower. 30	1821 1881
11,000 4 iov	White flash 0.6 sec., eclipse 6.9 sec., red flash 0.6 sec., eclipse 6.9 sec. **SIREN**, 1st-cl. air: Blast 3 sec., silent 27 sec.	White conical tower. 59	1798 1821
20 200 mm a	Flash 0.3 sec.	Red. 2d-cl. nun(s) station buoy. Gas buoy removed when ice runs.	
3,200 3½ ei	Light is more brilliant in main channel, between Bakers and Little Misery Islands than on either side.	White pyramidal tower. 45	1871
1,300 Ll ei	----------	In First Baptist Church spire.	1927
100 300 mm ei	----------	Brown conical tower, white base; brown bridge to shore. 37	1871
300 300 mm ei	----------	White square tower. 23	1871
120 375 mm a	Flash 0.3 sec. **WHISTLE**, on buoy.	Red and black horizontal bands.	
700 300 mm ei	----------	Square pyramidal skeleton tower; brown to gallery, black above; elevated walk to dwelling. 105	1836 1897

No.	Name Character and period of light	Location Latitude, N.	Longitude, W.	Light above high water	Miles seen
	SEACOAST	° ′	° ′	*Feet*	
134.5	*Great Pig Rocks Lighted Bell Buoy 4.* Fl. R., 3 sec. (Seacoast continued at no. 167.)	In 24 feet, east of outer breakers. 42 28	70 50	12	5
	LYNN HARBOR				
135	White Rocks Fl. G., 3 sec. U.	In 1 foot, on west side of main channel.		24	-----
136	Black Rocks Fl. G., 4 sec. U.	In 4 feet, on west side of channel.		24	-----
137	Sandy Point Fl. G., 4 sec. U.	On site, dry at low water, on west side of channel.		24	-----
138	Black Marsh Channel Fl. G., 4 sec. U.	On site, dry at low water, west edge of channel.		24	-----
139	Upper Turn Fl. R., 4 sec. U.	On site, dry at low water, east edge of channel.		24	-----
	BOSTON HARBOR APPROACH				
140	*Graves Lighted Whistle Buoy 1A.* Fl. W., 6 sec.	In 84 feet, 0.9 mile 22½° from The Graves Lighthouse.		16	9
141	THE GRAVES Gp. Fl. W., 6 sec. 2 flashes.	On ledge, southeast side of South Channel entrance to Boston Harbor. 42 22	70 52	98	16
142	Range: Lovells Island Front F. W.	On northeast side of island 42 20	70 56	31	11
143	Range: Lovells Island Rear F. W.	134 yards 215¼° from preceding.		40	12
144	Range: Spectacle Island Front F. R.	On east bank of north part of Spectacle Island. 42 20	70 59	53	13
145	Range: Spectacle Island Rear F. R.	112 yards 250° from preceding.		70	13
146	*South Channel Lighted Buoy* Fl. W., 10 sec.	In 60 feet, at junction of South and North Channels.		13	-----

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
20 200 mm a	Flash 1 sec **BELL**, on buoy.	Red.	
40 200 mm a	Flash 0.3 sec	Black pyramidal skeleton tower on white tank house.	1897 1933
30 150 mm ei	Flash 0.4 sec	Black pyramidal skeleton tower on white tank house.	1897 1933
30 150 mm ei	Flash 0.4 sec	Black pyramidal skeleton tower on white tank house.	1897 1933
30 150 mm ei	Flash 0.4 sec	Black pyramidal skeleton tower on white tank house.	1897 1933
30 150 mm ei	Flash 0.4 sec	Red pyramidal skeleton tower on white tank house	1900 1933
390 375 mm a	Flash 2 sec **WHISTLE**, on buoy.	Black.	
380,000 1 iov	Flash 0.2 sec., eclipse 1.3 sec., flash 0.2 sec., eclipse 4.3 sec. **HORN**, 1st-cl. reed; gp. 2 blasts every 20 sec.: Blast 3 sec., silent 1 sec., blast 3 sec., silent 13 sec.	Light-gray, conical, granite tower.	1905
2,500 Rf o		White conical tower. 32	1903
2,500 Rf o		White conical tower. 43	1903
750 Rf o		White conical tower. 30	1903
750 Rf o		White conical tower. 41	1903
70 200 mm a	Flash 3 sec	Red and black horizontal bands; spar-shaped.	

BOSTON HARBOR

No.	Name Character and period of light	Location Latitude, N. Longitude, W.	Light above high water	Miles seen
	BOSTON HARBOR APPROACH	° ′ ° ′	*Feet*	
147	*North Channel Lighted Bell Buoy 2.* Fl. R., 3 sec.	In 36 feet, on Finns Ledge	16	9
148	*North Channel Lighted Buoy 1* Fl. W., 6 sec.	In 36 feet	12	-----
149	*North Channel Lighted Buoy 4* Fl. R., 6 sec.	In 36 feet	12	-----
150	*North Channel Lighted Buoy 3* Fl. W., 6 sec.	In 34 feet	13	-----
151	*North Channel Lighted Buoy 8* Fl. R., 6 sec.	In 33 feet	13	-----
152	*North Channel Lighted Bell Buoy 10.* Fl. R., 6 sec.	In 33 feet	12	-----
153	*Nix Mate Lighted Buoy 11* Fl. W., 3 sec.	In 36 feet, south side of Main Channel.	12	-----
154	DEER ISLAND F. W., Alt. Fl., R., 30 sec. R. sector.	On south end of spit making out from island.	53	13
155	Deer Island Radio Direction Finder. Call NWM.	-----	-----	-----
156	WINTHROP Fl. G., 3 sec. U.	In 4 feet, on west side of entrance to channel to Winthrop.	20	-----
157	*Cow Pasture Flats Lighted Buoy 6.* Fl. R., 3 sec.	In 8 feet, in Dorchester Bay	11	5
158	LONG ISLAND HEAD F. W. U.	On north end of island	120	17
	BOSTON HARBOR			
159	*Boston Main Channel Lighted Buoy 1.* Fl. W., 6 sec.	In 39 feet, on south edge of channel, at angle.	16	7
160	*Boston Main Channel Lighted Bell Buoy 2.* Fl. R., 6 sec.	In 36 feet, on north edge of channel, at angle.	16	-----

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
120 375 mm a	Flash 0.3 sec **BELL**, on buoy.	Red.	
70 200 mm a	Flash 2 sec	Black.	
20 200 mm a	Flash 2 sec	Red.	
70 200 mm a	Flash 2 sec	Black; spar-shaped	
20 200 mm a	Flash 2 sec	Red; spar-shaped.	
20 200 mm a	Flash 2 sec **BELL**, on buoy.	Red.	
70 200 mm a	Flash 0.3 sec **BELL**, on buoy alongside.	Black. Spar buoy substituted when ice runs.	
W. 1,900 Fl.R. 5,700 F. R. 570 5 iov	Fixed white light with red 2 sec. flash every 30 sec. Red from 198° to 222°, covers Finns Ledge and shoals on east side of entrance to Shirley Gut. Obscured from 112° to 186°. **BELL**; 1 stroke every 10 sec.	Brown conical tower, on black cylindrical pier.	1890
	See p. 90 (U. S. Navy)		
40 200 mm a	Flash 0.3 sec	Black pile structure.	1915
20 200 mm a	Flash 0.3 sec	Red. 2nd-cl. nun buoy (s) substituted when ice runs.	
5,500 3½ ei		White brick tower, covered way to dwelling. 52	1820 1900
70 200 mm a	Flash 2 sec	Black. Spar buoy substituted when ice runs.	
20 200 mm a	Flash 2 sec **BELL**, on buoy alongside.	Red. Spar buoy substituted when ice runs.	

No.	Name Character and period of light	Location Latitude, N. Longitude, W.	Light above high water	Miles seen
	BOSTON HARBOR	° ′ ° ′	*Feet*	
161	*Boston Main Channel Lighted Buoy 4.* Fl. R., 6 sec.	In 34 feet, on edge, at turn---	16	-----
162	*Boston Main Channel Lighted Buoy 3.* Fl. W., 6 sec.	In 36 feet, on edge, at turn---	11	-----
163	CASTLE ROCKS FOG SIGNAL--	In 7 feet, on south side of channel.	-----	-----
164	RESERVED CHANNEL------- Fl. W., 3 sec. U.	Marks turning point into Reserved Channel.	23	7
165	*Boston Main Channel Lighted Buoy 5.* Fl. W., 6 sec.	In 36 feet, on edge, at turn---	11	-----
166	*Boston Main Channel Lighted Buoy 10.* Fl. R., 6 sec.	In 34 feet, on north edge----	16	-----
	SEACOAST (Continued from no. 134.5)			
167	***BOSTON LIGHTSHIP***------ Fl. W., 3 sec. Radiobeacon.	In 108 feet, off Nantasket Roads entrance to Boston Harbor. 42 20 70 45	40	12
168	**MINOTS LEDGE**---------- Gp. Fl. W., 30 sec. Flashes "143."	On Outer Minot, south of entrance to Boston Bay. 42 16 70 46	85	15
169	*Harding Ledge Lighted Bell Buoy 1 A.* Fl. G., 3 sec.	In 48 feet, off entrance to Boston Harbor. 42 19 70 51	11	5
170	*Point Allerton Lighted Bell Buoy 3.* Fl. W., 3 sec.	In 24 feet, 0.4 mile north of point.	12	7

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
20 200 mm a	Flash 2 sec	Red. Spar buoy substituted when ice runs.	
70 200 mm a	Flash 2 sec	Black. Spar buoy substituted when ice runs.	
----------	**SIREN**, electric; gp. 4 blasts every 120 sec., silent 60 sec. Bell sounded if siren becomes inoperative.	Black pile dolphin; tide gauge on channel face.	1912
70 200 mm a	Flash 0.3 sec	Black skeleton tower, white tank house.	1927
70 200 mm a	Flash 2 sec	Black. Spar buoy substituted when ice runs.	
20 200 mm a	Flash 2 sec	Red. Spar buoy substituted when ice runs.	
16,000 500 mm ei	Flash 1 sec. Fixed white light shown if flashing light inoperative. Riding light F. W. 40 cp. on forestay. **SIREN**, 1st-cl. air: Blast 3 sec., silent 17 sec. Bell, hand, if siren disabled. **RADIOBEACON**: Transmits gps. of 2 dashes and 2 dots. See p. 84 for time schedule, etc. **SUBMARINE BELL**; gps. 5 and 4 strokes "54" every 18 sec.	Red hull, "BOSTON" on sides; red gallery and lantern on red and black mast. Code flag signal WPO	1894
75,000 2 iov	Flashes "143" every 30 sec., 1 flash, eclipse 3 sec., 4 flashes, eclipse 4 sec., 3 flashes, eclipse 16 sec. Each flash 0.2 sec. **BELL**; 1 stroke every 30 sec.	Dark-gray, conical tower. 97	1850 1860
20 200 mm a	Flash 0.3 sec **BELL**, on buoy.	Black.	
70 200 mm a	Flash 0.3 sec **BELL**, on buoy.	Black. Spar buoy substituted when ice runs.	

No.	Name Character and period of light	Location Latitude, N. Longitude, W.	Light above high water	Miles seen
	SEACOAST	° ′ ° ′	*Feet*	
171	**BOSTON** **Fl. W., 30 sec.**	On southeast side of Lighthouse Island. 42 20 70 53	102	16
172	BOSTON (Auxiliary) **F. W., 2 R. sectors.**	13 yards 234° from preceding	34	-----
173	*Georges Island Rocks Lighted Buoy 5.* **Fl. W., 5 sec.** (Seacoast continued at no. 207)	In 27 feet, south side of entrance to The Narrows.	11	7
174	NARROWS **Fl. R., 3 sec. U.**	On west end of Great Brewster Spit.	30	7
175	GALLUPS ISLAND **F. W. U.**	On east end of island	24	-----
	HINGHAM BAY			
176	WINDMILL POINT **F. G. U.**	On beach, east side of Nantasket Gut.	20	-----
177	HARRYS ROCK 2 **Fl. R., 6 sec. U.**	In 15 feet, east of rock, on west side of channel.	26	-----
178	*Bumkin Island Lighted Buoy 1* **Fl. W., 3 sec.**	In 18 feet, off northwest end of shoal.	11	-----
178.5	PEDDOCKS ISLAND CHANNEL 2. **Fl. R., 4 sec. U.**	In 14 feet, east of Sunken Ledge.	26	-----
179	*Peddocks Island Channel Lighted Buoy 5.* **Occ. W., 4 sec.**	In 24 feet, south of island	11	-----
180	PIG ROCKS **Fl. R., 4 sec. U.**	In 22 feet, south side of channel, northeast of rocks.	26	5
180.5	FORE RIVER CHANNEL 2A **Fl. R., 4 sec. U.**	In 17 feet, west side of channel, west of Grape Island.	26	-----
181	*Fore River Channel Lighted Buoy 1.* **Fl. W., 6 sec.**	In 24 feet, southwest of Sheep Island.	11	-----
182	FORE RIVER CHANNEL 4 **Fl. R., 3 sec. U.**	In 12 feet, west side of channel, north of Weymouth Great Hill.	26	-----

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet.	*Year*
100,000 2 iov	Flash 8 sec., eclipse 22 sec. SIREN, 1st-cl. air; gp. 2 blasts every 60 sec.: Blast 3 sec., silent 3 sec., blast 3 sec., silent 51 sec.	White conical tower. 89	1716 1783
W. 2,000 R. 600 Rf o	Red from 43° to 48° and from 57° to 65°, fairway between.	White wooden structure. 9	1890
70 200 mm a	Flash 1 sec.	Black. Spar station buoy in winter; lighted buoy removed when ice runs.	
70 300 mm a	Flash 0.3 sec. BELL; 1 stroke every 20 sec (CO_2).	Red skeleton tower, white tank house.	1856 1929
170 Ll ei	BELL; 1 stroke every 15 sec.	Black, pyramidal, skeleton structure; on black, concrete base.	1914
50 Ll ei	BELL; 1 stroke every 10 sec. Not sounded between 12.30 and 6 a. m.	Black pyramidal skeleton; concrete base. 20	1902 1916
20 200 mm a	Flash 2 sec.	Red skeleton tower, white tank house, on pile foundation.	1927
70 200 mm a	Flash 0.3 sec.	Black. Spar buoy substituted from Nov. 1 to Mar. 31.	
30 150 mm ei	Flash 0.4 sec.	Red skeleton tower, white tank house on piles.	1930
70 200 mm a	Light 2 sec., eclipse 2 sec.	Black. Spar station buoy. Lighted buoy removed when ice runs.	
30 150 mm ei	Flash 0.4 sec.	Red, pyramidal, skeleton tower, white tank house on piles. 18	1918 1930
30 150mm ei	Flash 0.4 sec.	Red skeleton tower, white tank house on piles.	1930
70 200 mm a	Flash 2 sec.	Black. Spar station buoy. Lighted buoy removed when ice runs.	
20 200 mm a	Flash 0.3 sec.	Red skeleton tower, white tank house, on piles. 26	1927

NANTASKET CHANNEL

No.	Name Character and period of light	Location Latitude, N.	Longitude, W.	Light above high water	Miles seen
	NANTASKET CHANNEL	° ′	° ′	*Feet*	
183	Weir River 1 F. W. U.	In 15 feet		15	-----
184	Weir River 3 F. W. U.	----------		-----	-----
185	Weir River 5 F. W. U.	----------		-----	-----
186	Weir River 2 F. R. U.	----------		-----	-----
187	Weir River 4 F. R. U.	----------		-----	-----
188	Weir River 7 F. W. U.	----------		-----	-----
189	Weir River 6 F. R. U.	----------		-----	-----
190	Weir River 8 F. R. U.	----------		-----	-----
191	Weir River 9 F. W. U.	In 8 feet		8	-----
192	Weir River 10 F. R. U.	----------		-----	-----
193	Weir River 11 F. W. U.	In 12 feet		12	-----
194	Weir River 12 F. R. U.	In 12 feet		12	-----
195	Weir River 13 F. W. U.	In 12 feet		12	-----
196	Weir River 14 F. R. U.	In 12 feet		12	-----
197	Weir River 15 F. W. U.	In 12 feet		12	-----
198	Weir River 16 F. R. U.	In 12 feet		12	-----
199	Weir River 17 F. W. U.	In 12 feet		12	-----
200	Weir River 19 F. W. U.	In 12 feet		12	-----

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
Hl o			
Hl o			
Hl o			
Hl o			
Hl o			
Hl o			
Hl o			
Hl o			
Hl o	Maintained by Nantasket Beach Steamboat Co., from June 15 to Oct. 1; piles remain in position from May 1 until carried away by ice.	Unpainted pile.	1907
Hl o			
Hl o			
Hl o			
Hl o			
Hl o			
Hl o			
Hl o			
Hl o			
Hl o			

No.	Name Character and period of light	Location Latitude, N.	Longitude, W.	Light above high water	Miles seen
	NANTASKET CHANNEL	° ′	° ′	*Feet*	
201	WEIR RIVER 18 F. R. U.	In 12 feet		12	-----
202	WEIR RIVER 21 F. W. U.	In 12 feet		-----	-----
203	WEIR RIVER 20 F. R. U.	In 12 feet		12	-----
204	WEIR RIVER 23 F. W. U.	In 12 feet		12	-----
205	WEIR RIVER 22 F. R. U.	In 12 feet		12	-----
206	WEIR RIVER 25 F. W. U.	In 12 feet		12	-----
	SEACOAST (Continued from no. 173)				
207	*Hogshead Rock Lighted Buoy 1* Fl. W., 6 sec.	In 45 feet		11	-----
209	SUTTON HOLE Fl. W., 3 sec. U.	On west side of channel, Cohasset Harbor.		25	-----
210	WHITE HEAD Fl. R., 4 sec. U.	On west side of channel, Cohasset Harbor.		18	-----
211	LONG BASIN Fl. R., 4 sec. U.	On west side of channel, Cohasset Harbor.		18	-----
212	BRYANT POINT Fl. R., 4 sec. U.	On west side of channel, Cohasset Harbor.		18	-----
213	SCITUATE BREAKWATER Fl. W., 3 sec. U.	On end of breakwater, at entrance to Scituate Harbor.		39	-----
214	Fourth Cliff Radio Direction Finder. Call NBF.	-----		-----	-----
215	*Humarock Shoal Lighted Whistle Buoy 4.* Fl. W., 8 sec.	In 66 feet, east of shoal, 5 miles east of Humarock.		16	9
215.5	*Humarock Outer Lighted Bell Buoy.* Fl. G., 3 sec.	In 156 feet 42 10	70 31	16	9
216	*Farnham Rock Lighted Bell Buoy 6.* Fl. W., 3 sec. (Seacost continued at no. 234)	In 39 feet, 1 mile northward of Howland Ledge.		12	7

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
Hl o			
Hl o			
Hl o	Maintained by Nantasket Beach Steamboat Co., from June 15 to Oct. 1; piles remain in position from May 1 until carried away by ice.	Unpainted pile.	1907
Hl o			
Hl o			
Hl o			
70 200 mm a	Flash 2 sec. Maintained from June 1 to Oct. 1.	Black.	
70 200 mm a	Flash 0.3 sec. Maintained from Apr. 1 to Dec. 1.	Small red house on pile dolphin	1914
30 150 mm ei	Flash 0.4 sec. Maintained from Apr. 1 to Dec. 1.	Red pile dolphin.	1914
30 150 mm ei	Flash 0.4 sec. Maintained from Apr. 1 to Dec. 1.	Red pile dolphin.	1914
30 150 mm ei	Flash 0.4 sec. Maintained from Apr. 1 to Dec. 1.	Red pile dolphin.	1914
230 300 mm a	Flash 0.3 sec	Red, pyramidal, skeleton tower, white tank house. 30	1891 1924
----------	See p. 90 (U. S. Navy)		
390 375 mm a	Flash 2 sec **WHISTLE**, on buoy.	Red.	
120 375 mm a	Flash 1 sec **BELL** on buoy.	Black and white vertical stripes.	
70 200 mm a	Flash 0.3 sec **BELL**, on buoy.	Red.	

No.	Name Character and period of light	Location Latitude, N.	Longitude, W.	Light above high water	Miles seen
	CAPE COD BAY	° ′	° ′	*Feet*	
217	**Plymouth (Gurnet)** **Fl. Alt. Gp. Fl. W., 20 sec. Dark sector.** 1 flash, 2 flashes.	On north side of entrance to harbors of Plymouth, Kingston, and Duxbury. 42 00	70 36	102	16
218	*Plymouth Main Channel Lighted Buoy 3.* **Fl. W., 3 sec.**	In 27 feet		13	-----
219	DUXBURY PIER **F. R.**	On north side of main channel to Plymouth, Kingston, and Duxbury.		35	11
219.3	*Plymouth Channel Lighted Bell Buoy 7.* **Fl. W., 3 sec.**	In 21 feet		9	-----
219.5	*Plymouth Channel Lighted Buoy 15A.* **Fl. W., 3 sec.**	In 18 feet, at bend in channel.		11	-----
220	RANGE: SOUTH CHANNEL FRONT **F. R.** **U.**	----------		15	-----
221	RANGE: SOUTH CHANNEL REAR **F. R.** **U.**	82 yards 231½° from preceding.		25	-----
222	RANGE: SPLITTING KNIFE CHANNEL FRONT. **U.** **F. R.**	----------		20	-----
223	RANGE: SPLITTING KNIFE CHANNEL REAR. **U.** **F. R.**	150 yards 239½° from preceding.		35	-----
224	**Race Point** **Fl. W., 15 sec.**	On northwest point of Cape Cod. 42 04	70 15	41	12
225	WOOD END **Fl. R., 15 sec.**	On beach, near entrance to Provincetown.		45	12
226	LONG POINT **F. W.**	On southwest side of entrance to Provincetown.		36	12
226.5	*Billingsgate Lighted Bell Buoy 3 A.* **Fl. W., 5 sec.**	In 14 feet, east of Billingsgate Island.		12	7
227	SANDY NECK **Fl. W., 3 sec.** **U.**	West side of entrance to Barnstable Harbor.		45	10

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
37, 000 4 iov	3 flashes 0.5 sec. each, 2 eclipses 7 sec. each, 1 eclipse 4.5 sec. Obscured from 328° to 351°. **HORN**, 1st cl. reed: Blast 3 sec., silent 12 sec.	White, octagonal, pyramidal tower; white dwelling. 39	1768 1843
70 200 mm a	Flash 0.3 sec	Black. Spar buoy substituted when ice runs.	
870 4 iov	**BELL**; 1 stroke every 15 sec	Brown conical tower. 47	1871
100 120 mm ei	**BELL**, on buoy. Maintained from June 1 to Sept. 30.	Black. Spar station buoy.	
70 200 mm a	Flash 0. 3 sec. Maintained from June 1 to Sept. 30.	Black.	
10 ei 10 ei 10 ei 10 ei	Maintained by town of Plymouth.	Black iron pole.	1910
37, 000 4 iov	Flash 1.3 sec **WHISTLE**, 10 or 12 inch air; gp. 2 blasts every 60 sec.: Blast 3 sec., silent 3 sec., blast 3 sec., silent 51 sec.	White tower. 40	1816 1876
11, 000 4 iov	Flash 1 sec., eclipse 14 sec **BELL**, 1 stroke every 15 sec.	White pyramidal tower. 37	1872
2, 900 4 iov	**BELL**; 1 stroke, silent 30 sec., gp. 2 strokes, silent 30 sec.	White square tower. 37	1827 1875
70 200 mm a	Flash 0.5 sec. Maintained from Apr. 1 to Oct. 31.	Black.	
260 300 mm a	Flash 0.3 sec	White steel skeleton tower.	1827 1932

No.	Name Character and period of light	Location Latitude, N. Longitude, W.	Light above high water	Miles seen
	CAPE COD BAY	° ′ ° ′	*Feet*	
228	*Manomet Lighted Bell Buoy 6 A.* Fl. W., 3 sec.	In 90 feet, 2.2 miles from Manomet Point Tank.	12	7
229	*Canal Approach Lighted Bell Buoy.* Fl. W., 6 sec.	In 69 feet, 2.5 miles off east entrance to Cape Cod Canal.	16	9
230	RANGE: CAPE COD CANAL EASTERN ENTRANCE FRONT. U. Occ. W., 3 sec.	On axis of entrance channel, 1,000 yards 230° from Canal Breakwater Light.	47	8
231	RANGE: CAPE COD CANAL EASTERN ENTRANCE REAR. U. Occ. W., 3 sec.	500 yards 245° from preceding.	71	8
232	*Canal Entrance Lighted Buoy 2* Fl. R., 3 sec.	In 39 feet, off end of submerged breakwater.	11	-----
233	CANAL BREAKWATER-------- F. W. U. Radiobeacon.	On breakwater, entrance to Cape Cod Canal.	40	12
	SEACOAST (Continued from no. 216)			
234	*Peaked Hill Bar Lighted Whistle Buoy 2 PH.* Fl. W., 10 sec.	In 126 feet, 1.7 miles outside of bar. 42 07 70 08	16	9
235	CAPE COD---------- Fl. W., 5 sec. Radiobeacon.	On highlands, on northeast side of cape. 42 02 70 04	183	20
236	North Truro (Cape Cod) Radio Direction Finder. Call NAE.	----------	-----	-----
237	*Nauset Lighted Whistle Buoy 4.* Fl. W., 3 sec.	In 126 feet, 5 miles 30° from Nauset Beach Lighthouse. 41 56 69 54	16	9
238	Nauset Beach---------- Gp. Fl. W., 10 sec. 3 flashes.	On beach at Eastham, east side of Cape Cod. 41 52 69 57	114	17
239	*Chatham Lighted Whistle Buoy 6.* Fl. W., 8 sec.	In 102 feet, 5.5 miles 75° from Chatham Lighthouse. 41 42 69 50	16	9

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
70 200 mm a	Flash 0.3 sec **BELL**, on buoy.	Red.	
390 375 mm a	Flash 2 sec **BELL**, on buoy.	Black and white vertical stripes.	
940 300 mm ei	Light 2.5 sec., eclipse 0.5 sec.	White; pyramidal wooden skeleton framework. 47	1926
940 300 mm ei	Light 2.5 sec., eclipse 0.5 sec.	White, pyramidal, wooden, skeleton framework. 68	1926
40 200 mm a	Flash 0.3 sec	Red.	
2,500 Ll ei	**OSCILLATOR**, air: Blast 5 sec., silent 15 sec. **RADIOBEACON**: Transmits gps. of 2 dots and 1 dash. See p. 84 for time schedule, etc.	Black, pyramidal, skeleton structure. 32	1915
390 375 mm a	Flash 3 sec **WHISTLE**, 10-inch, on buoy.	Red. 1st-class nun station buoy.	
4, 000, 000 1 ei	Flash 0.2 sec., eclipse 4.8 sec **OSCILLATOR**, air: Blast 3 sec., silent 12 sec. Reed horn if oscillator is disabled. **RADIOBEACON**: Transmits gps. of 2 dashes, 1 dot, 1 dash. See p. 84 for time schedule, etc.	White tower, covered way to dwelling. 66 Reporting station, connected with Boston by telegraph. Use International Code Signals.	1798 1857
	See p. 90 (U. S. Navy)		
390 375 mm a	Flash 0.3 sec **WHISTLE**, on buoy.	Red.	
25,000 4 iov	3 flashes 0.2 sec. each, 2 eclipses 1.4 sec. each, 1 eclipse 6.6 sec.	White conical tower. 48	1839 1923
390 375 mm a	Flash 2 sec **WHISTLE**, on buoy.	Red.	

NANTUCKET SOUND ENTRANCE

No.	Name Character and period of light	Location Latitude, N.	Longitude, W.	Light above high water	Miles seen
	SEACOAST	° ′	° ′	*Feet*	
240	Chatham Gp. Fl. W., 30 sec. 4 flashes. (Seacoast continued at no. 259.)	On west side of Chatham Harbor. 41 40	69 57	80	15
	NANTUCKET SOUND ENTRANCE				
241	***POLLOCK RIP LIGHTSHIP*** Occ. W., 5 sec. Radiobeacon.	In 60 feet, 3 miles to northeastward of entrance to Pollock Rip Channel. 41 36	69 51	65	14
242	*Pollock Rip Entrance Lighted Whistle Buoy.* Occ. W., 2 sec.	In 38 feet, off entrance to Pollock Rip Channel. 41 35	69 54	16	9
243	*Bearse Shoal Lighted Bell Buoy 2.* Fl. R., 3 sec.	In 33 feet, on north side of entrance to dredged channel.		16	9
244	*Pollock Rip Lighted Whistle Buoy 1.* Fl. W., 3 sec.	In 30 feet, on south side of entrance to dredged channel.		12	7
245	*Pollock Rip Lighted Buoy 3* Fl. W., 3 sec.	In 30 feet, on south side and at inner end of dredged channel.		12	7
246	*Bearse Shoal Lighted Buoy 6* Fl. R., 3 sec.	In 50 feet, on salient of shoal.		12	5
247	*Pollock Rip Lighted Bell Buoy 5.* Fl. W., 3 sec.	In 30 feet, on salient of shoal.		12	7
248	*Pollock Rip Lighted Buoy 7* Fl. W., 3 sec.	In 30 feet, on salient of shoal.		12	7

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
20,000 4 iov	4 flashes 0.6 sec. each, 3 eclipses 4.4 sec. each, 1 eclipse 14.4 sec	White conical tower. 48	1808 1877
17,000 375 mm ei	Light 4 sec., eclipse 1 sec. Fixed white light if occulting light is extinguished. Riding light, F. W. 40 cp., on forestay. **WHISTLE**, 12-inch steam chime: Blast 5 sec., silent 25 sec. Bell; hand, if whistle is disabled. **RADIOBEACON**: Transmits gps. of 1 dash, 2 dots and 1 dash. See p. 84 for time schedule, etc. **SUBMARINE BELL**; gp. 3 strokes every 10 sec.	Red hull, "POLLOCK" on sides; two masts, circular gallery at each masthead. Code flag signal and radio call WPQ. Station receives and transmits radio messages.	1902
390 375 mm a	Light 1 sec., eclipse 1 sec. **WHISTLE**, on buoy.	Black and white vertical stripes.	
120 375 mm a	Flash 0.3 sec. **BELL**, on buoy.	Red. Spar station buoy.	
70 200 mm a	Flash 0.3 sec. **WHISTLE**, on buoy.	Black. Spar station buoy.	
70 200 mm a	Flash 0.3 sec.	Black. Spar station buoy.	
20 200 mm a	Flash 0.3 sec.	Red. Spar station buoy.	
70 200 mm a	Flash 0.3 sec. **BELL**, on buoy.	Black. Spar station buoy.	
70 200 mm a	Flash 0.3 sec.	Black. Spar station buoy.	

NANTUCKET SOUND ENTRANCE

No.	Name Character and period of light	Location Latitude, N.	Longitude, W.	Light above high water	Miles seen
	NANTUCKET SOUND ENTRANCE	° ′	° ′	*Feet*	
249	***STONE HORSE SHOAL LIGHTSHIP.*** Occ. W., 4 sec.	In 84 feet, 0.9 mile 153° from Monomoy Point Unused Lighthouse. 41 33	69 59	60	12
250	*Stone Horse North End Lighted Bell Buoy 9.* Fl. W., 3 sec.	In 30 feet, on north end of Stone Horse Shoal.		12	7
251	***HANDKERCHIEF LIGHTSHIP.*** Gp. Fl. W., 8 sec. 3 Flashes.	In 49 feet, east part of sound. 41 29	70 04	40	12
252	*Great Round Shoal Channel Entrance Lighted Whistle Buoy, GRS.* Fl. W., 10 sec.	In 84 feet 41 26	69 43	16	9
253	*Great Round Shoal Channel Lighted Buoy 4.* Fl. W., 5 sec.	In 36 feet, marks south end of shoal.		10	7
254	*Great Round Shoal Channel Lighted Buoy 6.* Fl. W., 5 sec.	In 75 feet		10	7
255	*Great Round Shoal Channel Lighted Buoy 8.* Fl. R., 5 sec.	In 36 feet		10	5
256	*Great Round Shoal Lighted Whistle Buoy.* Fl. W., 3 sec.	In 72 feet, south of shoal, entrance to sound from eastward. 41 24	69 55	17	9
257	*Point Rip Lighted Bell Buoy 11 A.* Fl. W., 8 sec.	In 54 feet, off shoal, 4 miles 48° from Nantucket Lighthouse.		16	9
258	Nantucket (Great Point) F. W., R. sector.	On point, north end of Nantucket Island. 41 23	70 03	70	14

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
480 375 mm a	Light 2 sec., eclipse 2 sec. Fixed white light if occulting light be extinguished. Riding light, F. W. 40 cp., on forestay. **WHISTLE**, 10-inch steam chime: Blast 2 sec., silent 13 sec. Bell, hand, if whistle is disabled. **SUBMARINE BELL**; gp. 5 strokes every 12 sec.	Black hull, "STONEHORSE" on sides; two masts; black grating on foremast. Light and gallery on mainmast. Code flag signal WWBZ	1916
70 200 mm a	Flash 0.3 sec. **BELL**, on buoy.	Black. Spar station buoy. Lighted buoy removed when ice runs.	
3,600 375 mm ei	3 flashes 1 sec. each, 2 eclipses 1 sec. each, 1 eclipse 3 sec. Fixed white light if flashing light be extinguished. Riding light, F. W. 40 cp., on forestay. **SIREN**, 1st-cl. air: Blast 4 sec., silent 26 sec. Bell, hand; 1 stroke every 15 sec. if siren disabled.	Red hull, "HANDKERCHIEF" on sides; black gallery and lantern at masthead. Code flag signal WWEX	1858
390 375 mm a	Flash 3 sec. **WHISTLE**, 10-inch, on buoy.	Black and white vertical stripes. Spar station buoy.	
70 200 mm a	Flash 1 sec.	Red. Spar station buoy.	
70 200 mm a	Flash 1 sec.	Red. Nun buoy substituted when ice runs.	
20 200 mm a	Flash 1 sec.	Red. Spar buoy substituted when ice runs.	
390 375 mm a	Flash 0.3 sec.	Black and white vertical stripes.	
390 375 mm a	Flash 2 sec. **BELL**, on buoy.	Black. Spar buoy substituted when ice runs.	
W. 12,000 R. 3,600 3 iov	Red from 84° to 106° covers Cross Rip and Tuckernuck Shoals.	White tower. 71	1784 1818

No.	Name Character and period of light	Location Latitude, N.	Longitude, W.	Light above high water	Miles seen
	SEACOAST (Continued from No. 240.)				
259	**SANKATY HEAD** Fl. W., 15 sec.	On head, on east end of Nantucket Island. 41 17	69 58	Feet 166	19
260	Surfside Radio Direction Finder. Call NBS.				
261	*Great Rip Lighted Buoy 2* Fl. W., 3 sec.	In 80 feet, off south end of Great Rip, 14⅞ miles 129° from Sankaty Head Lighthouse. 41 08	69 42½	12	7
262	***NANTUCKET SHOALS LIGHTSHIP.*** Gp Fl. W., 8 sec. 3 flashes. Radiobeacon	In 180 feet, 14 miles 224° from Asia Rip, Phelps Bank, Nantucket Shoals. 40 37	69 37	65	14
263	**GAY HEAD** Gp. Fl. W. Alt. Fl. R., 40 sec. 3 W., 1 R. flashes. (Seacoast continued at no. 296.)	On west point of Marthas Vineyard Island. 41 21	70 50	170	19
	NANTUCKET SOUND				
264	BRANT POINT F. W.	On west side of entrance to Nantucket Harbor.		26	10
265	RANGE: NANTUCKET HARBOR FRONT. F. W.	On Brant Point, west side of harbor.		35	9
266	RANGE: NANTUCKET HARBOR REAR. F. W.	80 yards 162° from preceding.		51	9

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
720,000 2 ei	Flash 0.8 sec., eclipse 14.2 sec.	White tower with red band in middle. 70	1850
----------	See p. 90 (U. S. Navy)		
70 200 mm a	Flash 0.3 sec.	Red.	
16,000 375 mm ei	3 flashes 1 sec. each, 2 eclipses 1 sec. each, 1 eclipse 3 sec. Fixed white light if flashing light inoperative. Riding light F. W., 40 cp. on forestay. **OSCILLATOR**, air: Blast 3 sec., silent 12 sec., with gp. of 3 blasts of 1 sec. each recurring every third minute. Bell hand, if whistle disabled. **RADIOBEACON**: Transmits gps. of 4 dashes. See p. 84 for time schedule, etc. **SUBMARINE OSCILLATOR**; gps. 3 blasts each every 15 sec., with a 5-second blast recurring every third minute. Blasts 1 sec. each. Silence between blasts 1 sec. each, silence between groups 10 sec.	Red hull, "NANTUCKET" on sides; two masts, red circular grating and radio yard at each masthead. Red station whistling buoy, 0.6 mile 340° from lightship. Code flag signal and radio call WPS. **DISTANCE FINDING STATION.** For method of operation see p. 83. Vessels wishing to be reported should show distinguishing lights, or number (International Code). Lightship will answer with white Coston light if signal is understood, otherwise will make no reply. Station receives and transmits radio messages. Weather signals shown during daytime.	1854
W. 80,000 R. 24,000 1 iov	3 white flashes, 1 red flash, 2 sec. each; 4 eclipses 8 sec. each. Obscured from 342° to 359° by No Mans Land; light occasionally visible through notches in hilltop.	Red tower, covered way to dwelling. 51	1799 1856
680 5 ei	**BELL**; gp. 2 strokes, silent 30 sec., 1 stroke, silent 30 sec.	White, cylindrical tower, foot bridge to shore. 31	1746 1901
1, 300 300 mm ei	----------	White, pyramidal, skeleton tower. 33	1908
1, 300 300 mm ei	----------	White, pyramidal, skeleton tower. 48	1908

No.	Name Character and period of light	Location Latitude, N. Longitude, W.	Light above high water	Miles seen
	NANTUCKET SOUND	° ′ ° ′	*Feet*	
267	NANTUCKET EAST BREAKWATER. U. Fl. W., 3 sec.	On outer end, entrance to Nantucket Harbor.	23	10
268.5	WITCHMERE HARBOR JETTY. U. Fl. W., 3 sec.	On end of jetty, entrance to Harwich Port.	15	7
269	BASS RIVER WEST JETTY. U. Fl. W., 3 sec.	On end of jetty	40	10
270	BISHOP AND CLERKS. U. Fl. W., 10 sec.	On north part of ledge	56	12
270.5	*West Southwest Ledge Lighted Bell Buoy 14.* Fl. R., 3 sec.	In 18 feet, at entrance to Hyannis Harbor.	12	-----
271	HYANNIS BREAKWATER. U. Fl. W., 6 sec.	On end of breakwater	25	10
272.8	*Tuckernuck Shoal Lighted Buoy 7.* Occ. W., 2 sec.	In 21 feet, off east end of shoal	12	-----
273	*Halfmoon Shoal Lighted Bell Buoy 12.* Fl. R., 3 sec.	In 48 feet, on southeast part of shoal.	16	9
274	*Horseshoe Shoal Lighted Buoy 12A.* Fl. W., 6 sec.	In 28 feet, on south side of shoal.	12	7
275	***CROSS RIP LIGHTSHIP*** Occ. W., 3 sec.	In 42 feet, north of Cross Rip shoal. 41 27 70 17	50	12
276	*Mutton Shoal Lighted Bell Buoy 2.* Fl. W., 3 sec.	In 24 feet, east side of entrance to Muskeget channel.	12	7
276.5	*Nantucket Sound Lighted Whistle Buoy.* Fl. W., 3 sec.	In 67 feet	16	9
277	CAPE POGE Gp. Fl. W. Alt. Fl. R., 15 sec. 2 W., 1 R. flashes.	On northeast point of Chappaquiddick Island. 41 25 70 27	55	13

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
230 300 mm a	Flash 0.3 sec **NAUTOPHONE**: Blast 3 sec., silent 7 sec. (e).	Black house on conical pile of riprap. 16	1901 1919
70 200 mm a	Flash 1 sec. Maintained by Town of Harwich from June 1 to Oct. 15.	Red skeleton tower.	1933
230 300 mm a	Flash 0.3 sec	White, pyramidal, skeleton tower, black tank house, on stone pier.	1914 1933
550 5 a	Flash 2 sec., eclipse 8 sec	Gray-granite tower. 65	1858
20 200 mm a	Flash 0.3 sec **BELL**, on buoy.	Red.	
230 300 mm a	Flash 2 sec	Black square tower, white tank house.	1929
70 200 mm a	Light 1 sec., eclipse 1 sec **BELL**, on buoy alongside.	Black. Lighted buoy removed when ice runs.	
120 375 mm a	Flash 0.3 sec **BELL**, on buoy.	Red. Spar station buoy.	
70 200 mm a	Flash 2 sec	Red. Spar station buoy.	
3, 600 375 mm ei	Light 2.5 sec., eclipse 0.5 sec Fixed white light shown if flashing light inoperative. Riding light F. W. 40 cp., on forestay. **WHISTLE**, 12-inch steam chime: Blast 3 sec., silent 12 sec. Bell, hand, if whistle is disabled. **SUBMARINE BELL**; gp. 5 strokes every 12 sec.	Black hull, "CROSS RIP" on sides; two masts, black gallery at each masthead. Code flag signal WWEM	1828
390 375 mm a	Flash 0.4 sec **WHISTLE**, on buoy.	Black and white vertical stripes. Spar station buoy.	
70 200 mm a	Flash 0.3 sec **BELL**, on buoy.	Red.	
W. 24,000 R. 7,200 4 iov	2 white and 1 red flashes, 0.7 sec. each; 3 eclipses 4.3 sec. each.	White conical tower. 39	1802 1922

NANTUCKET AND VINEYARD SOUNDS

No.	Name Character and period of light	Location Latitude, N.	Longitude, W.	Light above high water	Miles seen
	NANTUCKET SOUND	° ′	° ′	*Feet*	
278	*Hedge Fence Lighted Gong Buoy.* Occ. W., 4 sec.	In 54 feet, in west end of sound. 41 28	70 29	16	9
279	EDGARTOWN F. W.	On west side of inner end of harbor.		48	12
280	OAK BLUFFS NORTH BREAKWATER. U. Fl. R., 3 sec.	On end of jetty, at entrance to Oak Bluffs.		25	-----
281	EAST CHOP F. G. U.	On east side of entrance to Vineyard Haven.		79	15
282	VINEYARD HAVEN BREAKWATER. U. Fl. R., 3 sec.	On southeast end of breakwater.		25	-----
283	WEST CHOP F. W., R. sector.	On west side of entrance to Vineyard Haven. 41 29	70 36	84	15
283.5	*Off Vineyard Haven Lighted Bell Buoy.* Occ. W., 2 sec.	In 70 feet		16	9
284	FALMOUTH INNER HARBOR Fl. G., 3 sec. U.	On end of west jetty, entrance to harbor.		25	-----
	VINEYARD SOUND				
285	*Nobska Point Lighted Buoy 18* Fl. R., 3 sec.	In 72 feet, off point		12	7
286	NOBSKA POINT F. W., R. sector.	On point east of entrance to Woods Hole Harbor.		87	15
287	RANGE: GREAT HARBOR FRONT F. R. U.	On south side of Bureau of Fisheries dock.		24	-----
288	RANGE: GREAT HARBOR REAR F. R. U.	74 yards 344° from preceding		31	-----

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
390 375 mm a	Light, 3 sec., eclipse 1 sec. **GONG**, on buoy.	Black and white vertical stripes. Spar station buoy.	
680 4 iov	**BELL**; 1 stroke every 15 sec.	White dwelling; bridge to shore. 41	1828
20 200 mm a	Flash 0.3 sec.	Red, pyramidal skeleton tower on white tank house. 18	1901 1922
1, 000 300 mm ei		Brown tower. 40	1876 1877
20 200 mm a	Flash 0.3 sec.	Red, pyramidal skeleton tower on white tank house. 18	1911 1922
W. 7,500 R. 2,200 4 ei	Red from 281° to 331°, covers Squash Meadow and Norton Shoal. **WHISTLE**, 10-inch steam: Blast 3 sec., silent 27 sec.	White conical tower. 65	1818 1891
390 375 mm a	Light 1 sec., eclipse 1 sec. **BELL**, on buoy.	Black and white vertical stripes. Spar station buoy.	
40 200 mm a	Flash 0.3 sec.	Black, pyramidal skeleton tower on white tank house on concrete base. 18	1914 1921 1933
40 200 mm a	Flash 0.3 sec.	Red. Bell buoy 50 yards south. Spar buoy substituted when ice runs.	
W. 6, 500 R. 2, 000 4 ei	Red from 263° to 289°, covers Hedge Fence and L'Hommedieu Shoal. **HORN**, 1st cl. reed; gp. 3 blasts every 30 sec.: 3 blasts 2 sec. each, 2 silences 1 sec. each, 1 silence 22 sec.	White tower. 40	1829 1876
490 300 mm ei		White pyramidal skeleton tower on white tank house at base.	1905 1933
490 300 mm ei		White, pyramidal skeleton tower on white tank house at base.	1905 1933

No.	Name Character and period of light	Location Latitude, N.	Longitude, W.	Light above high water	Miles seen
	VINEYARD SOUND	° ′	° ′	*Feet*	
289	GRASSY ISLAND LEDGE Fl. W., 3 sec. U.	On south end of ledge, west side of entrance to Woods Hole inner harbor.		21	-----
290	MIDDLE LEDGE Fl. G., 3 sec. U.	At west end of ledge, in Woods Hole channel.		30	-----
290.3	*Naushon Point Shoal Lighted Buoy 7.* Fl. G., 6 sec.	In 24 feet, at west entrance to Woods Hole.		11	7
290.5	*Middle Ground Lighted Bell Buoy 25 A.* Fl. G., 3 sec.	In 54 feet, off point of spit making off west end of Middle Ground.		12	5
291	TARPAULIN COVE Fl. W., 5 sec.	On southeast side of Naushon Island.		78	15
292	*Naushon Lighted Bell Buoy* Occ. W., 6 sec.	In 60 feet, off southeast end of Naushon Island.		16	9
293	MENEMSHA HARBOR EASTERLY JETTY. U. Fl. W., 3 sec.	On outer end of jetty		25	-----
294	*Quicks Hole Ledge Lighted Buoy 2.* Fl. R., 5 sec.	In 19 feet, on east side of channel west of Pasque Island.		12	5
295	*Nashawena Lighted Whistle Buoy.* Fl. W., 3 sec.	In 43 feet, in west end of sound, southeast of Nashawena Island.		16	9
	SEACOAST (Continued from no. 263.)				
296	*No Mans Land Lighted Whistle Buoy 2.* Fl. W., 3 sec.	In 57 feet, 3 miles south of west end of island.		16	9
297	***VINEYARD SOUND (SOW AND PIGS) LIGHTSHIP.*** Occ. W., 10 sec. Radiobeacon.	In 102 feet, on north side of west entrance to sound. 41 23	71 00	65	14

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
70 200 mm a	Flash 0.3 sec	Red, pyramidal skeleton tower on white tank house.	1895 1906 1933
20 200 mm a	Flash 0.3 sec	Black, pyramidal, skeleton tower on white tank house. 18	1895 1925
20 200 mm a	Flash 2 sec **BELL**, on buoy alongside.	Black.	
20 200 mm a	Flash 0.3 sec **BELL**, on buoy.	Black.	
30, 000 4 iov	Flash 0.4 sec., eclipse 4.6 sec **BELL**; 1 stroke every 15 sec.	White tower. 40	1818 1891
390 375 mm a	Light 3 sec., eclipse 3 sec **BELL**, on buoy.	Black and white vertical stripes.	
70 200 mm a	Flash 0.3 sec	Black, pyramidal, skeleton tower on white tank house. 18	1909 1922 1933
20 200 mm a	Flash 1 sec	Red, spar-shaped. Spar station buoy. Lighted buoy removed when ice runs.	
390 375 mm a	Flash 0.3 sec **WHISTLE**, on buoy.	Black and white vertical stripes. Removed when ice runs.	
390 375 mm a	Flash 0.3 sec **WHISTLE**, on buoy.	Red.	
16,000 375 mm ei	Light 7 sec., eclipse 3 sec Fixed red light shown from mainmast if occulting light inoperative. Riding light F. W., 40 cp., on forestay. **WHISTLE**, 12-inch steam chime: Blast 6 sec., silent 45 sec. Bell, hand, if whistle disabled. **RADIOBEACON**: Transmits gps. of 1 dot and 2 dashes. See p. 84 for time schedule, etc. **SUBMARINE BELL**; gp. 7 strokes every 13 sec.	Red hull, "VINEYARD" on sides; two masts; red lantern and gallery on each masthead. Code flag signal WWEO	1847

BUZZARDS BAY

No.	Name Character and period of light	Location Latitude, N.	Longitude, W.	Light above high water	Miles seen
	SEACOAST	° ′	° ′	*Feet*	
297.5	*Seventeen-Foot Ledge Lighted Whistle Buoy.* Occ. G., 2 sec. (Seacoast continued at no. 346.)	In 30 feet. south of ledge		16	9
	VINEYARD SOUND				
298	***HEN AND CHICKENS LIGHTSHIP.*** Occ. W., 4 sec.	In 60 feet, north side of entrance to Buzzards Bay. 41 27	71 01	67	12
299	WESTPORT Fl. W., 3 sec. U.	On east end of Nubble, west side of entrance to Westport Harbor.		31	7
	BUZZARDS BAY				
300	Cuttyhunk F. W.	On southwest point of Cuttyhunk Island. 41 25	70 57	61	13
300.5	*Penikese Lighted Bell Buoy 4* Fl. R., 3 sec.	In 50 feet		16	9
301	CUTTYHUNK NORTH JETTY Fl. W., dark sector, 3 sec. U.	On outer end of jetty		25	7
302	*Gull Island Lighted Buoy 7* Fl. W., 8 sec.	In 36 feet, 700 yards east of island, north side of east entrance to Cuttyhunk Harbor.		12	7
303	*Mishaum Ledge Lighted Bell Buoy 3.* Fl. W., 3 sec.	In 24 feet, off southeast side of ledge.		12	7
304	DUMPLING ROCK F. W., R. sector.	On rock, off Round Hill Point. 41 32	70 55	48	12
305	*Sand Spit Lighted Bell Buoy 4.* Fl. R., 6 sec.	In 18 feet, on west point of shoal, 0.5 mile southeast of Dumpling Rock Lighthouse.		11	7
305.5	*West Passage Lighted Buoy* Fl. W., 6 sec.	In 39 feet, 1¼ miles 33° from Dumpling Rock Lighthouse.		11	7

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
120 375 mm a	Light 1 sec., eclipse 1 sec. **WHISTLE**, on buoy.	Red and black horizontal bands.	
3,600 375 mm ei	Light 2 sec., eclipse 2 sec. Fixed white light shown if occulting light inoperative. Riding light, F. W. 40 cp., on forestay. **TYFON**, steam: Blast 2 sec., silent 18 sec. Bell, hand, if tyfon disabled.	Black hull, "HEN & CHICKENS" on sides; black lantern on black pyramidal steel tower amidships. Code flag signal WWEP	1866
70 200 mm a	Flash 0.3 sec. Shown only from Mar. 15 to Dec. 15.	Black, pyramidal, skeleton tower, white tank house.	1913 1922
2,900 4 iov	----------	White, conical tower, covered way to dwelling. 45	1823 1891
120 375 mm a	Flash 0.3 sec. **BELL**, on buoy.	Red.	
70 150 mm a	Flash 0.3 sec. Dark from 284° to 44°.	Red, pyramidal, skeleton tower on white tank house. 25	1916 1933
70 200 mm a	Flash 2 sec. **BELL**, on buoy alongside.	Black. Bell buoy alongside. Lighted buoy removed when ice runs.	
70 200 mm a	Flash 0.3 sec. **BELL**, on buoy.	Black. Spar station buoy. Lighted buoy removed when ice runs.	
W. 2,900 R. 870 4 iov	Red from 27° to 43°, covers Mishaum Ledge. **HORN**, 1st-cl. reed: Blast 3 sec., silent 12 sec.	White tower attached to corner of dwelling. 40	1829 1889
20 200 mm a	Flash 2 sec. **BELL**, on buoy.	Red. Lighted buoy removed when ice runs.	
70 200 mm a	Flash 2 sec.	Black and white vertical stripes.	

BUZZARDS BAY, CAPE COD CANAL APPROACH

No.	Name Character and period of light	Location Latitude, N. Longitude, W.	Light above high water	Miles seen
	BUZZARDS BAY	° ′ ° ′	*Feet*	
306	PADANARAM BREAKWATER Fl. R., 3 sec. U.	On south end of breakwater	25	7
307	BUTLER FLATS Fl. W., 5 sec.	In 13 feet, west side of dredged channel into New Bedford Harbor.	53	13
308	PALMER ISLAND F. G.	West side of entrance to New Bedford Inner Harbor.	34	10
309	N. E. O. R. Co. WHARF F. R. U.	On New England Oil Refining dock.	-----	-----
310	*Negro Lighted Bell Buoy 5* Fl. W., 3 sec.	In 57 feet, Butler Flats and Palmer Island Lights on range, 1 mile southerly of 21-foot spot.	12	7
310.4	*Traffic Lighted Buoy 6* Fl. R., 3 sec.	In 47 feet, 3.5 miles 323½° from Tarpaulin Cove Lighthouse.	12	6
310.5	*Mosher Ledge Lighted Buoy 4* Fl. R., 3 sec.	In 26 feet, south of ledge	12	5
311	NED POINT Fl. W., 5 sec. U.	Northeast side of Mattapoisett Harbor.	41	-----
312	*Buzzards Bay Lighted Bell Buoy.* Fl. W., 3 sec.	In 34 feet, 4.4 miles 218° from Cape Cod Canal Channel entrance.	12	7
313	*West Point Lighted Buoy 2* Fl. W., 10 sec.	In 18 feet, southwest of West Island Ledge.	12	7
314	*Centerboard Shoal Lighted Buoy 2.* Occ. W., 4 sec.	In 18 feet, off southwest side of shoal, entrance to Sippican Harbor.	11	7
315	WINGS NECK Fl. W., 6 sec.	On southwest end of Wenaumet Neck, east of entrance to Cape Cod Canal Channel.	50	13
	CAPE COD CANAL APPROACH			
316	*Canal Channel Lighted Buoy 1* Fl. W., 3 sec.	In 30 feet, at entrance to channel.	13	7
317	*Canal Channel Lighted Bell Buoy 2.* Fl. R., 6 sec.	In 30 feet, at entrance to channel.	12	5

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
100 300 mm a	Flash 0.3 sec	Red, pyramidal, skeleton tower on white tank house. 18	1910 1925
2,400 5 iov	Flash 1 sec., eclipse 4 sec **BELL**; gp. 2 strokes every 15 sec.	White conical tower on black cylindrical pier.	1898
870 4 iov	**BELL**; 1 stroke every 10 sec	White conical tower. 39	1849
30 ei	Maintained by New England Oil Refining Co.	Green post.	1922
70 200 mm a	Flash 0.3 sec **BELL**, on buoy.	Black. Spar buoy substituted when ice runs.	
40 200 mm a	Flash 0.3 sec **GONG**, on buoy alongside.	Red.	
20 200 mm a	Flash 0.3 sec **BELL**, on buoy alongside.	Red. Lighted buoy maintained from June 1 to Nov. 1.	
550 5 a	Flash 1 sec., eclipse 4 sec. Visible from 299½° to 119½°. Maintained from Apr. 15 to Oct. 15.	White tower. 39	1837 1888
70 200 mm a	Flash 0.3 sec **BELL**, on buoy.	Black and white vertical stripes. Spar buoy substituted when ice runs.	
70 200 mm a	Flash 2 sec. Maintained from June 1 to Sept. 30.	Red. Spar station buoy.	
70 200 mm a	Light 2 sec., eclipse 2 sec. Maintained from May 1 to Oct. 1.	Red. 2d-cl. nun(s) station buoy entire year.	
13,000 4 iov	Flash 1.2 sec., eclipse 4.8 sec **HORN**, 1st-cl. reed: Blast 2 sec., silent 18 sec. Bell; 1 stroke every 10 sec., if horn disabled.	White, hexagonal tower, covered way to dwelling. 38	1849 1889
70 200 mm a	Flash 0.3 sec	Black, spar-shaped. Spar buoy substituted when ice runs.	
20 200 mm a	Flash 2 sec **BELL**, on buoy.	Red. Spar buoy substituted when ice runs.	

CAPE COD CANAL APPROACH

No.	Name Character and period of light	Location Latitude, N. Longitude, W.	Light above high water	Miles seen
	CAPE COD CANAL APPROACH	° ′ ° ′	*Feet*	
318	RANGE: CANAL CHANNEL LOWER FRONT. U. F. W.	On Tobys Island	24	10
319	RANGE: CANAL CHANNEL LOWER REAR. U. F. W.	At Monument Beach, 872 yards 54½° from preceding.	72	14
320	*Canal Channel Lighted Buoy 3* Fl. W., 3 sec.	In 24 feet, on edge of cut	13	7
321	*Canal Channel Lighted Buoy 4* Fl. R., 6 sec.	In 26 feet, on edge of cut, nearly abreast preceding.	12	5
322	*Canal Channel Lighted Buoy 5* Fl. W., 3 sec.	In 24 feet, on edge of cut	11	7
323	CANAL CHANNEL 8 F. R. U.	In 6 feet, on point of shoal northeast of Wings Cove.	24	7
324	*Canal Channel Lighted Buoy 11* Fl. W., 3 sec.	In 24 feet, on edge of cut	11	-----
325	*Canal Channel Lighted Buoy 10* Fl. R., 6 sec.	In 24 feet, on edge of cut	11	-----
326	CANAL CHANNEL 10A F. R. U.	In 12 feet, on edge of cut, at beginning of turn.	6	-----
327	CANAL CHANNEL 13A F. W. U.	In 15 feet, on west side of channel.	10	-----
328	CANAL CHANNEL 15 Fl. W., 6 sec. U.	In 9 feet, in angle at turn	15	-----
329	CANAL CHANNEL 15A F. W. U.	In 15 feet, on edge of cut, near end of turn.	8	-----
330	CANAL CHANNEL 12A F. R. U.	In 12 feet, on edge of cut, at end of turn.	6	-----
331	RANGE: CANAL CHANNEL UPPER FRONT. U. Occ. W., 3 sec.	In 6 feet, on axis of channel, at turn southwest of Bourne Neck.	22	-----
332	RANGE: CANAL CHANNEL UPPER REAR. U. F. W.	In 1 foot, off Peters Neck, 1,250 yards 3½° from preceding.	48	-----
333	CANAL CHANNEL 17A F. W. U.	In 15 feet, on west side of channel.	10	-----

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
1,300 300 mm ei	----------	White, pyramidal, wooden skeleton; upper part slatted. 15	1917
1,300 300 mm ei	----------	White, pyramidal, wooden skeleton; upper part slatted. 55	1917
70 200 mm a	Flash 0.3 sec----------	Black. Spar buoy substituted when ice runs.	
20 200 mm a	Flash 2 sec----------	Red. Spar buoy substituted when ice runs.	
70 200 mm a	Flash 0.3 sec----------	Black. Spar buoy substituted when ice runs.	
50 Ll ei	**BELL,** 1 stroke every 10 sec------	Red, pyramidal, skeleton structure on stone mound.	1917 1923
70 200 mm a	Flash 0.3 sec----------	Black. Spar buoy substituted when ice runs.	
20 200 mm a	Flash 2 sec----------	Red. Spar buoy substituted when ice runs.	
20 Pl o	----------	Red pile dolphin.	1918 1931
60 Pl o	----------	Black pile dolphin.	1919 1924
70 200 mm a	Flash 2 sec---------- **BELL,** on buoy alongside.	Small black house on stone mound.	1915 1917
60 Pl o	----------	Black pile dolphin.	1924 1933
20 Pl o	----------	Red pile dolphin.	1919 1932
2, 300 300 mm ei	Light 2 sec., eclipse 1 sec-------	White, pyramidal, wooden skeleton; upper part slatted. 15	1917
2,500 300 mm ei	----------	White, pyramidal, wooden skeleton; upper part slatted. 50	1917
60 Pl o	----------	Black pile dolphin.	1921 1931

CAPE COD CANAL APPROACH

No.	Name Character and period of light	Location Latitude, N.	Longitude, W.	Light above high water	Miles seen
	CAPE COD CANAL APPROACH	° ′	° ′	*Feet*	
334	*Canal Channel Lighted Buoy 19* Fl. W., 3 sec.	In 24 feet, on edge of cut, opposite Tobys Island.		11	-----
335	CANAL CHANNEL 14A------- F. R. U.	In 16 feet, on edge of cut----		6	-----
336	CANAL CHANNEL 16--------- Fl. R., 3 sec. U.	In 6 feet, on edge of cut, opposite Mashnee Island.		25	-----
337	CANAL CHANNEL 16A------- F. R. U.	In 24 feet, on edge of cut, above and opposite Hog Island.		10	-----
338	*Canal Channel Lighted Buoy 21* Fl. W., 3 sec.	In 21 feet, on edge of cut, abreast preceding.		10	-----
339	CANAL CHANNEL 18-------- Fl. R., 3 sec. U.	In 6 feet, near edge of cut, at turn.		25	-----
340	CANAL CHANNEL 23A------- F. W. U.	In 12 feet. on edge of channel-		8	-----
341	CANAL CHANNEL 18A------- F. R. U.	In 24 feet on east edge of cut, at turn.		10	-----
342	CANAL CHANNEL 20--------- Fl. R., 3 sec. U.	In 6 feet, on southeast edge of cut, at turn.		25	-----
342 5	TRAFFIC CONTROL SIGNAL--- 3 F. R. "Stop." 3 F. G. "Go."	Westerly entrance to canal, 330 yards 41° from Cape Cod Channel Upper Range Front Light.		-----	-----
344	CANAL CHANNEL 22--------- F. R. U.	In 6 feet, on southwest edge of cut.		6	-----
345	CANAL CHANNEL 24--------- F. R. U.	In 15 feet, on southwest edge of channel.		8	-----

Candlepower Apparatus Illuminant	Light characteristic Fog signal	Structure, vessel or buoy Top of lantern above ground	Established Rebuilt
		Feet	*Year*
70 200 mm a	Flash 0.3 sec	Black. Spar buoy substituted when ice runs.	
20 Pl o		Red pile dolphin.	1926 1931
20 200 mm a	Flash 0.3 sec	Red, pyramidal, skeleton tower on white tank house. 18	1915 1925
20 Pl o		Red pile dolphin.	1917 1923
70 200 mm a	Flash 0.3 sec	Black. Spar buoy substituted when ice runs.	
20 200 mm a	Flash 0.3 sec	Red, pyramidal, skeleton tower on white tank house. 18	1915 1924
60 Pl o		Black pile dolphin.	1922 1923
20 Pl o		Red pile dolphin.	1917 1933
20 200 mm a	Flash 0.3 sec	Red, pyramidal, skeleton tower on white tank house. 18	1915 1924
ei	Maintained by U. S. Engineers	On pile dolphin.	1931
20 Pl o		Red pile dolphin.	1918 1931
5 Pl o	Maintained by U. S. Engineers	Red pile dolphin.	1922 1923

NOTES ON THE FOLLOWING LIST OF RADIOBEACONS

OPERATING SCHEDULE OF UNITED STATES RADIOBEACONS

All radiobeacons operate during fog or low visibility, also in clear weather during the intervals stated in the following table.

TRANSMITTING POWER

A=high power, over 200 watts; B=intermediate power, 100 to 200 watts; C=low power, below 100 watts. At stations where two powers are indicated the station transmits on the higher power (A) during its regular operating periods regardless of weather conditions and on the lower power (B) during fog or low visibility at all times other than the regular operating periods of the station.

DIAL SETTINGS OF RADIO COMPASSES

To avoid interference, it is important to determine and record correct dial settings for each station and to adhere to them.

DISTANCE-FINDING STATIONS

At the stations printed in heavy-face type the radio and sound signals are synchronized for distance-finding purposes as follows:

At Nantucket Shoals Lightship Station, Mass., the end of the long 3-second dash of the radiobeacon and the end of the 5-second blast of the submarine oscillator are sounded simultaneously; vessels having radio and submarine receivers may determine their distance, in miles, from the lightship by multiplying the number of seconds intervening between the receiption of the radio dash and the submarine oscillator blast by 0.78. The end of the long 3-second dash of the radiobeacon is also synchronized with the end of the last blast of the group of three blasts of the oscillator in air, and the distance, in miles, may be determined by multiplying the number of seconds intervening by 5. The end of the last blast of each group of the submarine oscillator is synchronized with the end of the 3-second blast of the oscillator in air. The distance, in miles, may be obtained by multiplying the number of seconds intervening by 1.03.

At Cape Henry Light Station, Va., the termination of the long 3-second dash of the radiobeacon is coincident with the beginning of the long 5-second blast of the oscillator; vessels having radio receivers may determine their distance, in miles, from light station by dividing the number of seconds intervening between the reception of the radio dash and the oscillator blast by 5.

At Southwest Pass East Jetty Light and Fog Signal Station, La., the termination of the long dash of the radiobeacon is coincident with the beginning of the long blast of the diaphone; vessels having radio receivers may determine their distance, in miles, from the station by dividing the number of seconds intervening between the reception of long radio dash and the long diaphone blast by 5.

RADIOBEACONS OPERATED BY THE

[Distance Finding Stations are shown in

Station	Latitude N.	Longitude W.	Operated on— Kilocycles	Operated on— Power	Signal characteristic transmitted	Interval On	Interval Off
ATLANTIC COAST	° ′	° ′				Sec.	Sec.
West Quoddy Head Light Station, Me.	44 49	66 57	292	C	— • — —	60	120
Mount Desert Light Station, Me.	43 58	68 08	292	C	— • • •	60	120
Portland Lightship, Me	43 31½	70 06	292	B	— • —	60	120
Boston Lightship, Mass	42 20	70 45½	284	B	— — • •	60	120
Canal Breakwater Light Station, Mass.	41 47	70 29½	300	C	• • —	60	120
Cape Cod Light Station, Mass.	42 02	70 04	284	B	— — • —	60	120
Pollock Rip Lightship, Mass.	41 36	69 51	284	B	— • • —	60	120
Vineyard Sound Lightship, Mass.	41 23	71 00	316	C	• — —	60	120
Nantucket Shoals Lightship, Mass.	40 37	69 37	316	A	— — — —	60	120
Point Judith Light Station, R. I.	41 22	71 29	290	C	— • •	60	60
Block Island Southeast Light Station, R. I.	41 09	71 33	316	C	• • — •	60	120
Little Gull Island Light Station, N. Y.	41 12½	72 06½	290	C	• — — —	60	60
Stratford Shoal Light Station, N. Y.	41 03½	73 06	290	C	• — — •	60	60
Execution Rocks Light Station, N. Y.	40 52½	73 44	290	C	— • —	60	60
Fire Island Lightship, N. Y.	40 28½	73 11½	300	C	— —	60	120
Ambrose Channel Lightship, N. Y.	40 27	73 49½	300	B	• • • • • • • • &c	60	120

UNITED STATES LIGHTHOUSE SERVICE

heavy face type; see page 69 for method of use.]

Operated at all times during fog or low visibility and in clear weather at intervals stated, local standard time	Operator stands watch on 500 kilocycles (600 meters)
Third 15 minutes of each hour	
Third 15 minutes of each hour	
Third 15 minutes of each hour	
Third 15 minutes of each hour	
Operates during fog only	
Third 15 minutes of each hour	
Third 15 minutes of each hour	First 15 minutes of each hour from 8 a. m. to 5 p. m. Call WPQ.
Second 15 minutes of each hour	
Second 15 minutes of each hour	First 15 minutes of each hour from 8 a. m. to 9.15 p. m. in clear weather and from 10 to 10.15 a. m. and from 4 to 4.15 p. m. in thick weather. Call WPS.
3 to 6 a. m. and from 8 to 11 p. m., 75th meridian time.	
Second 15 minutes of each hour	
11 p. m. to 1 a. m. and 12 to 12.30 noon, 75th meridian time.	
2 to 3.30 a. m., 12 to 12.30 noon, and 8 to 10 p. m., 75th meridian time.	
5 to 6.30 a. m., 12 to 12.30 noon, and 6.30 to 7.30 p. m., 75th meridian time.	
Second 15 minutes of each hour	First 15 minutes of each hour from 8 a. m. to 9.15 p. m. Call WPZ.
Second 15 minutes of each hour	First 15 minutes of each hour from 8 a. m. to 9.15 p. m. Call WRG.

RADIOBEACONS OPERATED BY THE

[Distance Finding Stations are shown in

Station Latitude N.	Longitude W.	Operated on— Kilo-cycles	Power	Signal characteristic transmitted	Interval On	Off
ATLANTIC COAST						
° ′	° ′				Sec.	Sec.
Scotland Lightship, N. J.		308	C	— • — •	60	120
40 27	73 55					
Barnegat Lightship, N. J.		300	B	— — —	60	120
39 45½	73 56					
Five-Fathom Bank Lightship, N. J.		292	B	• • — —	60	120
38 47	74 34½					
Overfalls Lightship, Del.		292	C	• — •	60	120
38 48	75 01					
Winter-Quarter Shoal Lightship, Va.		292	B	— — — •	60	120
37 55½	74 56½					
Chesapeake Lightship, Va.		286	B	• — — •	60	120
36 58½	75 42					
Wolf Trap Light Station, Va.		305	C	— — • •	60	120
37 23	76 11					
Smith Point Light Station, Va.		305	C	— • • —	60	120
37 53	76 11					
Cove Point Light Station, Md.		305	C	• — —	60	120
38 23	76 23					
Sandy Point Light Station, Md.		305	C	• — •	60	120
59 01	76 23					
Cape Henry Light Station, Va.		312	C	— • —	60	120
36 55½	76 00½					
Diamond Shoal Lightship, N. C.		286	A B	— — •	60	120
35 05	75 20					
Cape Lookout Light Station, N. C.		286	B	— • — •	60	120
34 37	76 32					
Frying-Pan Shoals Lightship, N. C.		308	B	— —	60	120
33 28	77 34					
Charleston (Fort Sumter), S.C.		308	B	• • • • • • • • • &c	60	120
32 45	79 52½					
Savannah Lightship, Ga.		308	B	• • — —	60	120
31 57	80 40					

UNITED STATES LIGHTHOUSE SERVICE

heavy face type; see page 69 for method of use.]

Operated at all times during fog or low visibility and in clear weather at intervals stated, local standard time	Operator stands watch on 500 kilocycles (60 meters)
8 to 9 a. m. and p. m.; 75th meridian time.	
Second 15 minutes of each hour	
Third 15 minutes of each hour	First 15 minutes of each hour from 8 a. m. to 9.15 p. m. in clear weather. Call WRE.
Third 15 minutes of each hour	
Third 15 minutes of each hour	First 15 minutes of each hour from 8 a. m. to 9.15 p. m. in clear weather and from 10 to 10.15 a. m. and 4 to 4.15 p. m. in thick weather. Call WRO.
Fourth 15 minutes of each hour	First 15 minutes of each hour from 8 a. m. to 9.15 p. m.
3 to 3.30 and 9 to 9.30 a. m. and p. m.; 75th meridian time.	
4 to 4.30 and 10 to 10.30 a. m. and p. m., 75th meridian time.	
5 to 5.30 and 11 to 11.30 a. m. and p. m., 75th meridian time.	
1.30 to 2 and 7.30 to 8 a. m. and p. m.; 75th meridian time.	
2 to 2.30 and 8 to 8.30 a. m. and p. m., 75th meridian time.	
Fourth 15 minutes of each hour	First 15 minutes of each hour from 8 a. m. to 9.15 p. m., in clear weather and from 10 to 10.15 a. m. and from 4 to 4.15 p. m. in thick weather. Call WRV.
Fourth 15 minutes of each hour	
Third 15 minutes of each hour	First 15 minutes of each hour from 8 a. m. to 9.15 p. m. Call WSD.
Third 15 minutes of each hour and the first 15 minutes of each hour from 8 p. m. to 8.15 a. m.	
Third 15 minutes of each hour	First 15 minutes of each hour from 8 a. m. to 9.15 p. m. Call WWAN.

RADIOBEACONS OPERATED BY THE

[Distance Finding Stations are shown in

Station	Latitude, N.	Longitude, W.	Operated on— Kilocycles	Operated on— Power	Signal characteristic transmitted	Interval On	Interval Off
ATLANTIC COAST							
	° ′					Sec.	Sec.
St. Johns River Lightship, Fla.	30 23½	81 18	292	B	— • —	60	120
Cape Canaveral Light Station, Fla.	28 28	80 33	292	B	— — • •	60	120
Jupiter Inlet Light Station, Fla.	26 57	80 05	292	A B	• — — —	60	120
Fowey Rocks Light Station, Fla.	25 35	80 05	300	B	— • • •	60	120
GULF COAST							
Dry Tortugas Light Station, Fla.	24 38	82 55	300	A	— — —	60	120
Egmont Key Light Station, Fla.	27 36	82 46	300	B	• — — •	60	120
Sand Island Light Station, Ala.	30 11	88 03	288	B	• — •	60	120
South Pass West Jetty Range Front Light Station, La.	28 59½	89 08½	288	A	— —	60	120
Southwest Pass East Jetty Fog Signal Station, La.	28 54	89 26	288	B	— — — —	60	120
Sabine Pass Light Station, La.	29 43	93 51	312	B	— — •	60	120
Galveston Jetty Light Station, Tex.	29 19½	94 41½	312	A	— • • —	60	120
Aransas Pass Light Station, Tex.	27 52	97 03½	312	B	— • —	60	120
Cristobal Mole, Canal Zone	9 21½	79 55	305	A	— — — &c	----	-----

heavy face type; see page 69 for method of use.]

Operated at all times during fog or low visibility and in clear weather at intervals stated, local standard time	Operator stands watch on 500 kilocycles (600 meters)
Third 15 minutes of each hour	First 15 minutes of each hour from 8 a. m. to 9.15 p. m. Call WSJ.
Second 15 minutes of each hour	
Second 15 minutes of each hour	
First 15 minutes of each hour	
First 15 minutes of each hour	
First 15 minutes of each hour	
Fourth 15 minutes of each hour	
Fourth 15 minutes of each hour	
Fourth 15 minutes of each hour	
Fourth 15 minutes of each hour	
Fourth 15 minutes of each hour	
Fourth 15 minutes of each hour	
Transmits its characteristic signal continuously from 0 to 10 and from 30 to 40 minutes past each hour.	

UNITED STATES NAVY RADIO DIRECTION FINDER STATIONS

The following shore radio direction finder stations are operated on the Atlantic and Gulf coasts by the United States Navy for furnishing bearings to ships on request:

Station	Radio call	Position						Arc of calibration
		Lat. N.			Long. W.			
		°	′	″	°	′	″	° °
Bar Harbor, Me	NQC	44	18	51	68	11	40	63–244
Cape Elizabeth, Me	NAB	43	33	59	70	11	59	30–220
Thacher Island, Mass	NBE	42	38	11	70	34	46	330–230
Deer Island, Mass	NWM	42	21	16	70	57	29	0–190
Fourth Cliff, Mass	NBF	42	09	40	70	42	22	330–150
North Truro (Cape Cod), Mass	NAE	42	02	23	70	03	37	210–160
Surfside, Nantucket, Mass	NBS	41	14	39	70	05	53	0–360
Prices Neck, R. I	NGO	41	27	04	71	20	16	70–250
Amagansett, Long Island, N. Y	NBM	40	58	10	72	07	27	39–232
Fire Island, N. Y	NJY	40	37	55	73	12	32	88–260
Sandy Hook, N. J	NHD	40	27	54	73	59	50	0–182
Manasquan, N. J	NFK	40	07	05	74	01	58	24–185
Cape May, N. J	NKC	38	55	55	74	54	34	40–240
Cape Henlopen, Del	NSD	38	47	40	75	05	22	0–200
Bethany Beach, Del	NBN	38	32	45	75	03	24	0–200
Virginia Beach, Va	NCZ	36	51	10	75	58	33	339–170
Poyners Hill, N. C	NDX	36	17	17	75	47	49	0–150
Cape Hatteras, N. C	NDW	35	15	59	75	31	18	20–220
Cape Lookout, N. C	NAN	34	36	11	76	32	18	40–231
Folly Island, S. C	NZV	32	41	06	79	53	19	30–210
Jupiter, Fla	NAQ	26	56	54	80	05	02	354–170
South Pass, La	NBX	29	00	43	89	09	33	81–237
Galveston, Tex	NKB	29	20	01	94	45	13	73–211
Colon (Toro Point)	NQB	9	22	31	79	56	58	70–262

When two or more stations have the same radio call, they are connected by telegraph to a central control station, the call being that of the central station. A request for bearings made to a central station will be answered with simultaneous bearings from each of the stations under its control. Simultaneous bearings may be obtained also from several unconnected stations by making the call include each of the stations desired.

To obtain bearings, the direction finder station should be called in the usual manner, using 375 kilocycles (800 meters), *sharply tuned*, the call to be followed by the signal "QTE?," meaning "What is my bearing?" When told by the direction finder station to "K" (go ahead), the ship's radio operator should transmit the ship's call sign and the sign "MO" for 45 seconds, no longer.

The radio direction finder station will reply "QTE" (your bearing from ——— was ——— degrees), followed by the true bearings of the ship in degrees from the radio direction finder station, in a group of three figures (000 to 360) each after the name of the radio direction finder station from which each bearing was obtained, followed by the time group give local standard time of the observations.

All United States Navy shore radio direction finder stations keep watch and transmit on 375 kilocycles (800 meters), and this wave should be used to call and work with these stations.

Attention is invited to the fact that when a single bearing is furnished there is a possibility of an error of approximately 180°, as the operator at the radio direction finder station can not always determine on which side of his station the vessel lies. Certain radio direction finder stations, particularly those on islands or extended capes, are equipped to furnish two corrected true bearings for any observation. Such bearings, when furnished vessels, may differ considerably from 180° from each other, and whichever bearing is suitable should be used. Navigators should never attempt to correct a bearing furnished by a radio direction finder station by applying a correction of 180°, as such correction would not include the correction necessary because of deviation at the direction finder station. The error introduced by the use of 180° correction may amount to as much as 30°. Vessels receiving bearings requiring approximately 180° correction should request the reciprocal bearings from the radio direction finder station in case these were not previously furnished.

The arc of calibration is a sector of the circle of which the compass coil at the radio station is the center. Compass bearings are reliable only when they fall within the calibrated arcs.

Note.—During the first 10 minutes of each hour in clear weather radio direction finder stations will ordinarily not guard the 375-kilocycle (800-meter) wave. Ships are requested to confine their requests for bearings in clear weather to the last 50 minutes of the hour as far as practicable. During these 50 minutes, and at call times in inclement weather, all radio direction finder stations will continuously guard the 375-kilocycle (800-meter) wave.

BUOYS AND DAYMARKS

Name, mark on aid	Description	Location—Depth
CASHE LEDGE		
Cashe Ledge Whistle Buoy CL	Red and black horizontal bands; conical.	75 miles 78½° from Cape Ann Lighthouses. In 165 feet.
JEFFREYS LEDGE		
Jeffreys Ledge Whistle Buoy 2 JL.	Red; conical	On ledge, 19.5 miles 108° from Boon Island Lighthouse. In 162 feet.
GRAND MANAN CHANNEL		
Sail Rock Whistle Buoy 1	Black; conical	Marks entrance to Quoddy Roads. In 132 feet.
Morton Ledge Buoy 2	Red; 2d-cl. tall nun	In 48 feet.
QUODDY ROADS AND LUBEC NARROWS		
West Quoddy Head Bell Buoy 1	Black	0.8 mile southeast of Quoddy Roads Middle Ground Buoy, 2. In 30 feet.
Quoddy Roads Middle Ground Buoy 2.	Red; 1st-cl. nun	In 24 feet.
Dredged Channel South End Buoy 1.	Black; 3d-cl. spar	In 12 feet.
Lower Buoy 4	Red; 2d-cl. nun	In 12 feet.
Dredged Channel West Side Buoy 3.	Black; 3d-cl. spar	In 12 feet.
Cranberry Point Buoy 6	Red; 2d-cl. nun	In 13 feet.
The Gin Bottle Buoy 5	Black; 2d-cl. can	In 12 feet.
Upper Buoy 7	Black; 2d-cl. spar	At north end of dredged channel. In 17 feet.
Popes Folly Ledge Buoy 9	Black: 2d-cl. can	In 33 feet.
FRIAR ROADS AND EASTPORT HARBOR		
Buckman Ledge Buoy 2	Red; 2d-cl. tall nun	South-southwest of ledge, to southward of Buckman Head. In 18 feet.
WESTERN PASSAGE AND ST. CROIX RIVER		
Clark Ledges Beacon	Black; cask on bilge, on iron spindle, with topmast.	On east side of ledge.
Frost Ledge Buoy 1	Black; 2d-cl. tall can	Opposite Clam Cove Head. In 30 feet.
Lower Middle Ground Buoy 2 A	Red; 1st-cl. spar	In 24 feet.
Halftide Ledge Buoy 2	Red; 1st-cl. spar	In 24 feet.
Pettegrove Point Buoy 3	Black; 1st-cl. spar	In 27 feet.
Middle Ground Buoy 5	Black; 2d-cl. spar	At edge of flats on south side of channel, nearly opposite Bluff Head, Canada. In 13 feet.
Elliott Flats Buoy 7	Black; 2d-cl. spar	Marks main channel east of ledge. In 18 feet.

Name, mark on aid	Description	Location—Depth
WESTERN PASSAGE AND ST. CROIX RIVER		
The Ledge Beacon	Black; pyramidal wooden structure on 3 piers connected by plank walk.	
Knights Point Flats Buoy 9	Black; 2d-cl. spar	On outer edge of flats. In 10 feet.
COBSCOOK BAY		
Shackford Ledge Buoy 4	Red; 2d-cl. tall nun	Off Shackford Head, southwest of ledge. In 18 feet.
Cooper Island Ledeg Buoy 1 A	Black; 3d-cl. can	In 18 feet.
Birch Point Ledge Buoy 6	Red; 2d-cl. nun	In 30 feet.
Clark Ledges Buoy 1	Black; 2d-cl. spar	In 18 feet.
PENNAMAQUAN RIVER		
Gangway Ledge Buoy 3	Black; 2d-cl. spar	In 12 feet.
Two-Hour Rock Buoy 5	Black; 2d-cl. spar	In 18 feet.
Middle Ground Buoy 7	Black; 2d-cl. spar	In 18 feet.
LITTLE RIVER		
Little River Entrance Bell Buoy	Black and white vertical stripes.	About ½ mile 74° from Little River Lighthouse. In 108 feet.
Little River Ledge Buoy 2	Red; 1st-cl. spar	Southwest of ledge. In 24 feet.

SEACOAST

Seahorse Bell Buoy 6	Red	0.2 mile southwest of Seahorse Rock. In 102 feet.
Nash Island Bell Buoy	Black and white vertical stripes.	In 116 feet.
Tibbett Rock Buoy	Red and black horizontal bands; 1st-cl. nun.	South-southwest of rock. In 30 feet.
Simms Rock Buoy	Red and black horizontal bands; 2d-cl. tall nun.	Midway between two small rocks. In 48 feet.
Petit Manan Bell Buoy	Black and white vertical stripes.	In 126 feet.
Petit Manan Reef Buoy 2	Red; 2d-cl. tall nun	In 48 feet.
Schoodic Whistle Buoy 8 S	Red; conical	0.4 mile from Schoodic Island. In 102 feet.
Baker Island Whistle Buoy 8 A	Red; conical	Southeast of island. In 120 feet.
Roaring Bull Ledge Whistle Buoy 10 RB.	Red; conical	0.7 mile south from ledge. In 186 feet.
Matinicus Rock Whistle Buoy 12 MR.	Red; conical	In 252 feet.
Mile Ledge Buoy	Red and black horizontal bands; 2d-cl. tall can.	South of ledge. In 42 feet.
Sequin Island Whistle Buoy 18 SI.	Red; conical	1.8 miles southwest of Mile Ledge. In 102 feet.
Lumbo Ledge Buoy	Red and black horizontal bands; 2d-cl. tall nun.	South of ledge. In 30 feet.
PORTLAND HARBOR APPROACH		
Halfway Rock Whistle Buoy 20 HR.	Red; conical	In 114 feet.
Bulwark Shoal Buoy	Red and black horizontal bands; 1st-cl. nun.	0.2 mile southeast of ledge. In 60 feet.
Jordan Reef Buoy J	Red and black horizontal bands; 2d-cl. tall nun.	Southeast of ledge. In 42 feet.

Name, mark on aid	Description	Location—Depth
CROSS ISLAND NARROWS		
Thornton Point Ledge Beacon	Red; spherical cage on iron spindle.	
Seal Cove Ledge Buoy 1	Black; 2d-cl. can(s)	In 24 feet.
Dogfish Rocks Buoy 3	Black; 2d-cl. can(s)	In 19 feet.
MACHIAS BAY		
Cross Island Ledge Buoy 2	Red; 2d-cl. tall nun	South-southwest of ledge. In 42 feet.
Stone Island Ledge Beacon	Black; spherical cage on iron spindle.	On ledge.
Seashore Ledge Buoy 1	Black; 1st-cl. can(s)	Southeast from ledge. In 30 feet.
Avery Rock Bell Buoy 4	Red	100 yards 240° from Avery Rock Lighthouse. In 45 feet.
MACHIAS RIVER		
Round Island Buoy 3	Black; 1st-cl. can(s)	In 10 feet.
Middle Ground Buoy 5	Black; 1st-cl. can(s)	In 8 feet.
Birch Point Buoy 2	Red; 2d-cl. nun(s)	In 18 feet.
Randall Point Flats Buoy 4	Red; 2d-cl. nun(s)	In 12 feet.
ENGLISHMAN BAY		
Starboard Island Ledge Buoy	Red and black horizontal bands; 1st-cl. can(s)	Southeast of ledge. Fosters Channel. In 30 feet.
Fosters Island Point Buoy 2	Red; 2d-cl. nun(s)	Fosters Channel In 18 feet.
Ram Island Buoy 1	Black; 2d-cl. can(s)	Fosters Channel. In 18 feet.
Green Island Ledge Buoy 4	Red; 1st-cl. spar	Brothers Passage. In 24 feet.
Brothers Bell Buoy 3	Black	Brothers Passage. 0.1 mile northeast of The Brothers Islands. In 60 feet.
Cod Head Ledge Buoy 2	Red; 2d-cl. nun	Marks west side of ledge. In 54 feet.
Halifax Island Reef Buoy 1	Black; 1st-cl. spar	In 30 feet.
Great Head Reef Buoy 3	Black; 1st-cl. spar	In 30 feet.
CHANDLER BAY		
Jumper Ledge Buoy	Red and black horizontal bands; 1st-cl. nun.	South of ledge. In 48 feet.
Breaking Ledge Buoy 1	Black; 2d-cl. can	200 yards 90° from ledge. In 84 feet.
Kelps Ledge Buoy 3	Black; 2d-cl. spar	In 24 feet.
Ballast Island Ledge Buoy 5	Black; 1st-cl. spar	In 30 feet.
Roque Island Reef Buoy 2	Red; 2d-cl. spar	In 18 feet.
Great Bar Buoy 7	Black; 2d-cl. spar	In 20 feet.
MOOSABEC REACH		
Bay Ledges Buoy 2	Red; 1st-cl. spar	In 30 feet.
Gilchrist Rock Beacon	Black; spherical cage on iron spindle.	
Leighton Rock Buoy 2 A	Red; 2d-cl. spar	In 21 feet.
Virgin Island Ledge Buoy 4	Red; 3d-cl. spar	In 14 feet.
Two-Hour Rock Buoy 3	Black; 3d-cl. spar	In 12 feet.
Dredged Channel East End Buoy 6.	Red; 3d-cl. spar	In 12 feet.
Dredged Channel West End Buoy 8.	Red; 3d-cl. spar	In 12 feet.
Little Ledge East End Buoy 5	Black; 3d-cl. spar	Marks turn in channel to Seguin Passage. In 15 feet.

Name, mark on aid	Description	Location—Depth
MOOSABEC BEACH		
Moosabec Bar Buoy 10	Red; 3d-cl. spar	In 18 feet.
Snow Rock Beacon	Black; spherical cage on iron spindle.	
Sand Ledge Buoy 7	Black; 3d-cl. spar	In 12 feet.
Horse Ledge Buoy 9	Black; 2d-cl. spar	In 18 feet.
Cummings Ledge Buoy 12	Red; 2d-cl. spar	In 15 feet.
Fessenden Ledge Buoy 14	Red; 2d-cl. spar	In 20 feet.
Shabbit Island Ledge Buoy 11	Black; 2d-cl. spar	In 24 feet
Ram Island Ledge Buoy 13	Black; 1st-cl. spar	North from ledge, at entrance to Tabbott Narrows. In 24 feet.
Tabbott Ledge Buoy 16	Red; 2d-cl. spar	In 18 feet.
SEGUIN PASSAGE		
Seguin Ledge Buoy 1	Black; 1st-cl. spar	In 30 feet.
Moose Rock Tripod	Black; cylindrical cage on iron tripod.	
Long Ledge Buoy 3	Black; 2d-cl. spar	In 27 feet.
Nats Rock Buoy 5	Black; 3d-cl. spar	In 11 feet.
Southwest Ledge Buoy 2	Red; 3d-cl. spar	In 12 feet.
CAPE SPLIT HARBOR		
Wass Point Buoy 1	Black; 1st-cl. spar	In 30 feet.
Wrights Point Buoy 2	Red; 1st-cl. spar	In 54 feet.
Moose Neck Ledge Buoy 4	Red; 3d-cl. spar	In 21 feet.
Cape Split Harbor Buoy 3	Black; 3d-cl. spar	In 18 feet.
EASTERN BAY		
Mistake Buoy 1	Black; 2d-cl. spar	Near south end of channel. In 30 feet.
Calf Island Buoy 3	Black; 2d-cl. spar	Marks reef off island. In 30 feet.
Channel Rock Beacon	Red; cask on bilge on iron spindle.	
Sheep Island Fairway Buoy	Black and white vertical stripes; 3d-cl. spar.	In 26 feet.
WESTERN BAY		
Pomps Ledge Beacon	Red; cask on bilge on iron spindle.	
PLEASANT BAY		
Coles Ledge Buoy 1	Black; 1st-cl. spar	In 30 feet.
Norton Island Beacon	Red; cylindrical cage on iron spindle.	On southwest end of Norton Island Reef.
Barton Ledge Buoy	Red and black; 1st-cl. spar.	South of ledge. In 30 feet.
Bunker Ledge Buoy 3	Black; 2d-cl. spar	In 24 feet.
PLEASANT RIVER		
Harthorne Ledge Buoy 5	Black; 3d-cl. spar	In 15 feet.
Channel Rock Beacon	Red; cask on end on iron spindle.	
Coffins Rock Beacon	Black; spherical cage on iron spindle.	

Name; mark on aid	Description	Location—Depth
DYER ISLAND NARROWS		
Ripleys Neck Buoy 2	Red; 2d-cl. spar	In 24 feet.
Strout Island Ledges Buoy 4	Red; 2d-cl. spar	In 24 feet.
Eastern Flats Buoy	Red and black horizontal bands; 1st-cl. spar.	In 25 feet.
Flats North Point Buoy 3	Black; 3d-cl. spar	In 18 feet.
Dyers Halftide Ledge Buoy 5	Black; 3d-cl. spar	In 18 feet.
Dyer Island Ledge Buoy 7	Black; 4th-cl. spar	In 8 feet.
FLINT ISLAND NARROWS		
Flint Island North Point Buoy 1	Black; 2d-cl. spar	In 24 feet.
Western Reef Buoy 2	Red; 1st-cl. spar	In 30 feet.
NARRAGUAGUS BAY		
Jerry Ledge Buoy 1	Black; 1st-cl. spar	In 39 feet.
Jordans Delight Ledge Beacon	Red; wheel and pendants, on iron spindle.	Ledge bare at ⅔ ebb.
Narraguagus Beacon	White tower	On Pond Island, west side of entrance to bay. 54 feet high.
Pond Island Ledge North Point Buoy, 3.	Black; 2d-cl. spar	About 0.3 mile from north end of island. In 18 feet.
Lower Middle Ground Buoy 5	Black; 3d-cl. spar	In 12 feet.
Traftons Halftide Ledge Beacon	Red; wheel on iron spindle.	
Dredged Channel Buoy	Black and white vertical stripes; 2d-cl. can.	Marks turning point for entering dredged channel below Milbridge. In 20 feet.
Upper Middle Ground Lower End Buoy 2.	Red; 4th-cl. spar	In 5 feet.
NARRAGUAGUS RIVER		
Long Point Ledge Buoy 7	Black; 4th-cl. spar	In 5 feet.
Halftide Rock Beacon	Red; spherical cage on iron spindle.	On small rock.
PIGEON HILL BAY		
Whale Ledge Buoy 2	Red; 1st-cl. spar	In 27 feet.
Petit Manan Bar East Buoy	Black and white vertical stripes; 2d-cl. nun	In 27 feet.
Petit Manan Bar West Buoy	Black and white vertical stripes; 2d-cl. can.	In 36 feet.
PROSPECT HARBOR		
Corea Entrance Whistle Buoy	Black and white vertical stripes.	In 52 feet.
Moulton Ledge Buoy	Red and black horizontal bands; 1st-cl. spar.	West of ledge. In 30 feet.
Cranberry Point Bell Buoy 2	Red	Off point, east entrance to harbor. In 54 feet.
Old Woman Ledge Buoy 2	Red; 1st-cl. spar	West of west point of ledge. In 30 feet.
Brown Cow Buoy	Red and black horizontal bands; 1st-cl. spar.	Off Spruce Point. In 36 feet.
Bunker Harbor Ledges Buoy 1	Black; 2d-cl. spar	East of ledge. In 18 feet.
Clark Ledges Buoy 3	Black; 1st-cl. spar	Southeast of shoal spot. In 30 feet.
Clark Ledges Beacon	Black; wheel and pendants on iron spindle.	On ledge.
Prospect Inner Harbor Buoy	Black and white vertical stripes; 2d-cl. can.	In 43 feet.

Name; mark on aid	Description	Location—Depth
SCHOODIC HARBOR		
Schoodic Ledge Buoy 2	Red; 1st-cl. spar	Off south end of ledge. In 30 feet.
Schoodic Island Buoy 1	Black; 1st-cl. spar	Off north end of island. In 42 feet.
FRENCHMAN BAY		
Otter Cliff Ledge Bell Buoy 1	Black	0.1 mile southeast of ledge. In 90 feet.
Egg Rock Whistle Buoy 2 ER	Red; conical	In 90 feet.
Turtle Island Ledge Bell Buoy 2	Red	Southwesterly from Turtle Island. In 51 feet.
Newport Ledge Buoy 3 A	Black; 2d-cl. can	Between The Thrumbeap and Schooner Head. In 33 feet.
Bar Harbor Dumping Ground Buoy.	White; barrel	In 92 feet. Maintained by Bar Harbor Board of Health from June 1 to Oct. 1.
Sheep Porcupine Bell Buoy 5	Black	In 84 feet
Bald Rock Ledge Buoy 2	Red; 2d-cl. spar	In 24 feet.
Bald Rock Buoy 5	Black; 1st-cl. spar	In 30 feet.
Hulls Cove Buoy 2 H	Red; 3d-cl. spar	Marks southerly channel to Hulls Cove. In 24 feet.
Halftide Ledge Buoy 7	Black; 2d-cl. spar	In 24 feet.
Sunken Ledge Buoy 9	Black; 1st-cl. spar	In 30 feet.
WINTER HARBOR		
Winter Harbor Beacon	White tower	On south point of Mark Island. 35 feet high.
Grindstone Ledge Buoy 2	Red; 2d-cl. nun	In 36 feet.
Grindstone Ledge Beacon	Black; spherical cage on iron spindle.	
Abijah Ledge Buoy 4	Red; 1st-cl. spar	In 30 feet.
Harbor Point Buoy 1	Black; 3d-cl. can	In 30 feet.
Guptill Point Buoy 6	Red; 2d-cl. spar	In 24 feet.
Guptill Ledge Beacon	Red; wheel on iron spindle.	
PASSAGE WEST OF GRINDSTONE NECK		
Roaring Bull Buoy 1	Black; 1st-cl. spar	In 30 feet.
Pulpit Ledge Beacon	White; horizontally slatted, cylindrical daymark, on black iron spindle.	On ledge off west side of south end of Grindstone Neck.
Pulpit Ledge Buoy 3	Black; 2d-cl. can	In 18 feet.
Crow Island Buoy 5	Black; 2d-cl. can	In 36 feet.
HALIBUT HOLE		
Cod Ledges Buoy 7	Black; 2d-cl. can	In 66 feet.
Halibut Hole Buoy 9	Black; 2d-cl. can	Off north point of Iron Bound Island In 36 feet.
STAVE ISLAND HARBOR		
Hammonds Ledge Buoy 2	Red; 2d-cl. spar	In 30 feet.
FLANDERS BAY		
Calf Island Southeast Point Buoy 1.	Black; 4th-cl. spar	In 9 feet.
Stave Island Middle Ground North Point Buoy 2.	Red; 4th-cl. spar	In 9 feet.
Halftide Ledge Buoy 3	Black; 3d-cl. spar	In 18 feet.

Name; mark on aid	Description	Location—Depth
FLANDERS BAY		
Flanders Bay Sunken Ledge Buoy 5.	Black; 3d-cl. spar	In 18 feet.
SORRENTO HARBOR		
Fairway Bell Buoy	Black and white vertical stripes.	0.2 mile south of east end of Dram Island. In 60 feet.
Jones Ledge Buoy 2	Red; 3d-cl. spar	North of west end of Dram Island. In 18 feet.
SULLIVAN HARBOR		
Dram Island Ledge Buoy 2	Red; 1st-cl. spar	In 30 feet.
Bean Island Ledge Buoy 3	Black; 3d-cl. spar	In 16 feet.
Crabtree Ledge Bell Buoy 1	Black	100 yards 95° from Crabtree Ledge Beacon. In 47 feet.
Crabtree Ledge Beacon	White conical tower on black cylindrical pier.	On ledge north part of bay. 45 feet high.
Olivers Ledge Buoy 4	Red; 3d-cl. spar	In 16 feet.
Ingalls Ledge Buoy 6	Red; 1st-cl. spar	In 30 feet.
Halftide Rock Beacon	Black; spherical cage on iron spindle.	On west side of channel, 0.3 mile northeast of Mount Desert Ferry.
Low-Water Rock Beacon	Red; cylindrical cage on iron spindle.	
Moon Ledge Buoy 5	Black; 1st-cl. spar	In 30 feet.
EASTERN BAY		
Googin Ledge Southwest End Buoy 6.	Red; 1st-cl. spar	In 27 feet.

SOMES SOUND APPROACH

Baker Island Ledge Buoy 1 A	Black; 2d-cl. spar	In 24 feet.
Gilley Ledge Buoy 1	Black; 2d-cl. spar	In 26 feet.
Harding Ledge Buoy 3	Black; 1st-cl. spar	In 30 feet.
East Bunker Ledge Beacon	White; square, stone	
Lewis Rock Buoy 3 A	Black; 2d-cl. tall can	In 54 feet.
Crowninshield Point Buoy 1	Black; 2d-cl. spar	In 24 feet.
Bowden Ledge Buoy 4	Red; 1st-cl. spar	Southerly of ledge. In 30 feet.
Long Pond Shoal Buoy 6	Red; 1st-cl. spar	South of shoalest part of ledge. In 30 feet.
NORTHEAST HARBOR		
Northeast Harbor Ledge Buoy 2	Red; 2d-cl. spar	West-northwest of ledge. In 18 feet.
Northeast Harbor Ledge East Point Buoy 1.	Black; 2d-cl. spar	In 18 feet.
Four-Foot Ledge Buoy 4	Red; 2d-cl. spar	In 18 feet.
Northeast Harbor Flats Buoy 6	Red; 3d-cl. spar	On point of flats. In 18 feet.
CRANBERRY ISLAND HARBOR		
Cranberry Harbor Buoy 1	Black; 2d-cl. spar	In 24 feet.
Spurling Rock Buoy 2	Red; 3d-cl. spar	In 18 feet.
Long Ledge Beacon	Red; cask on bilge on iron spindle.	Off north end of Great Cranberry Island.

Name; mark on aid	Description	Location—Depth
SOMES SOUND		
Gilpatrick Ledge Beacon	Red; spherical cage on iron spindle.	Marks east entrance to Somes Sound.
Gilpatrick Cove Beacon	Red; cask on end on iron spindle.	10 feet high.
Greening Island North Point Buoy 5.	Black; 2d-cl. spar	Numbered for main channel; no channel between buoy and Greening Island. In 24 feet
Middle Rock Buoy 7	Black; 2d-cl. spar	In 24 feet.
Myrtle Ledge Buoy 8	Red; 3d-cl. spar	In 18 feet.
Bar Ledge Buoy 9	Black; 3d-cl. spar	At entrance to Somes Harbor. Midway between Bar Island and mainland. In 18 feet.
Mason Ledge Buoy 11	Black; 3d-cl. spar	In 18 feet.
SOUTHWEST HARBOR		
Greening Island Southeast Point Buoy 6.	Red; 1st-cl. spar	In 30 feet.
Greening Ledge Buoy 8	Red; 2d-cl. spar	In 18 feet.
Clark Point Beacon	Black cask on end on iron spindle.	On ledge just off point. 22 feet high.
CRANBERRY ISLAND PASSAGE (WESTERN WAY)		
The Drums Buoy 1	Black; 1st-cl. spar	In 30 feet.
Horseshoe Ledge Beacon	Black; cask on bilge on iron spindle.	On ledge, 1.2 miles southeast of Black Island.
Long Ledge Bell Buoy 1	Black	On southeast point of ledge. In 60 feet.
South Bunker Ledge Beacon	Red; cylindrical cage on iron spindle.	
Fairway Buoy	Black and white vertical stripes; 2d-cl. can.	In 36 feet.
Cranberry Island Ledge Buoy 2	Red; 2d-cl. spar	In 18 feet.
Flynn Ledge Buoy 3	Black; 2d-cl. spar	In 18 feet.
Cow Ledge Buoy 4	Red; 3d-cl. spar	In 12 feet.
Boathouse Point Buoy	Black and white vertical stripes; 2d-cl. can.	In 27 feet.
Spurling Point Buoy 4 A	Red; 2d-cl. spar	0.2 mile north by west of point. In 24 feet.

BLUE HILL BAY

BASS HARBOR		
Bass Harbor Bar Buoy	Black and white vertical stripes; 2d-cl. can.	In 12 feet.
Weaver Ledge Eastern End Buoy 1.	Black; 2d-cl. spar	In 24 feet.
Weaver Ledge Western End Buoy 2.	Red; 2d-cl. spar	In 18 feet.
Bass Harbor Ledge Buoy 3	Black; 3d-cl. spar	In 15 feet.
Harbor Point Ledge Buoy 5	Black; 3d-cl. spar	In 18 feet.
SOUTHEAST APPROACH		
Grindstone Ledge Beacon	Red; cask on end on iron spindle.	Off southeast end of Black Island.
SOUTHWEST APPROACH		
Johns Island Ledge Buoy 2	Red; 2d-cl. tall nun	South of ledge. *If bound into Blue Hill Bay* leave on port hand. In 48 feet.

Name; mark on aid	Description	Location—Depth
BASS HARBOR		
SOUTHWEST APPROACH		
Beach Ledge Bell Buoy 2	Red	Off ledge, southwest of Long Island. In 102 feet.
Harbor Island Bell Buoy 1	Black	Entrance to Lunts Harbor. In 63 feet.
EASTERN PASSAGE		
Staples Ledge Buoy	Red and black horizontal bands; 1st-cl. spar.	Southeast of ledge. In 30 feet.
Ship and Barges Bell Buoy 1	Black	240 yards east-northeast of Ship and Barges Tripod. In 54 feet.
Ship and Barges Tripod	Black; upper half horizontally slatted.	South end of ledge.
Ship and Barges Beacon	Black; cask on end on iron spindle.	Northwest end of ledge.
Trumpet Island Bar Buoy	Black and white vertical stripes; 3d-cl. spar.	In 17 feet.
Bar Island Buoy 1 A	Black; 1st-cl. spar	In 30 feet.
Hardwood Island Southwest Point Buoy 6.	Red; 1st-cl. spar	In 27 feet.
Cow and Calf Buoy 4	Red; 2d-cl. spar	Northwest of ledge. In 18 feet.
Long Island Southeast Point Buoy 3.	Black; 1st-cl. spar	In 27 feet.
GOOSE COVE		
Middle Ground Buoy 2	Red; 4th-cl. spar	In 10 feet.
UNION RIVER BAY		
Smiths Ledge Buoy 8	Red; 2d-cl. spar	In 27 feet.
Tuppers Ledge Buoy 7	Black; 2d-cl. spar	In 18 feet.
Lords Rock Buoy 10	Red; 2d-cl. spar	In 24 feet.
Tuppers Ledge Northwest End Buoy 2 A.	Red; 1st-cl. spar	In 54 feet.
UNION RIVER		
Petticoat Rock Buoy 12	Red; 4th-cl. spar	Marks 4-foot rock, at entrance to dredged channel. In 8 feet.
Fullerton Point Beacon	Red; cage on iron spindle.	
Lobster Rock Buoy 14	Red; 4th-cl. spar	Weymouth Point 248° 1,200 yards. In 5 feet. Maintained by city of Ellsworth, Me.
Shermans Rock Buoy 1	Black; 4th-cl. spar	In 5 feet. Maintained by city of Ellsworth, Me.
Murches Point Buoy 3	Black; 4th-cl. spar	In 4 feet. Maintained by city of Ellsworth, Me.
Black Point Buoy 5	Black; 4th-cl. spar	In 4 feet. Maintained by city of Ellsworth, Me.
PATTENS BAY		
Floods Ledge Buoy 2	Red; 2d-cl. spar	In 24 feet.
MACKEREL COVE		
North Point Buoy 1	Black; 2d-cl. spar	Northwest from 1-foot ledge. In 24 feet.
Crow Island Ledge Buoy 2	Red; 2d-cl. spar	In 24 feet.
Fir Point Ledge Buoy 3	Black; 3d-cl. spar	In 18 feet.
Round Island Ledge Buoy 4	Red; 3d-cl. spar	In 18 feet.

Name; mark on aid	Description	Location—Depth
WESTERN PASSAGE		
York Narrows Mid-Channel Bell Buoy.	Black and white vertical stripes.	In 54 feet.
Pond Island Point Buoy 1	Black; 2d-cl. can	Northeasterly of shoal. In 18 feet.
Tinker Island Ledge Buoy 2	Red; 2d-cl. spar	In 24 feet.
Herrimans Ledge Buoy 3	Black; 1st-cl. spar	In 30 feet.
Long Island West Point Buoy 6	Red; 1st-cl. spar	In 30 feet.
Darlings Island Shoal Buoy 2	Red; 1st-cl. spar	Marks shoal off island. In 30 feet.
BLUE HILL HARBOR		
Middle Ground Eastern Point Buoy 1.	Black; 2d-cl. spar	In 24 feet.
Sculpin Point Buoy 2	Red; 3d-cl. spar	In 18 feet.
Triangles Buoy 3	Black; 3d-cl. spar	In 14 feet.
Stover Rock Buoy 4	Red; 3d-cl. spar	In 14 feet.
MORGAN BAY		
Four Foot Rock Buoy 8	Red; 1st-cl. spar	In 38 feet.
CASCO PASSAGE		
Orono Point Buoy 1	Black; 2d-cl. can	In 27 feet.
Orono Point Tripod	Black; upper half horizontally slatted.	
Long Ledge Northeast Point Buoy 3	Black; 2d-cl. spar	In 18 feet.
Black Island Ledge Buoy 2	Red; 3d-cl. spar	In 18 feet.
New Rock Buoy 2 NR	Red; 3d-cl. spar	In 18 feet.
Middle Ledge Buoy 5	Black; 3d-cl. spar	In 18 feet.
Long Ledge Northwest Point Buoy 7.	Black; 3d-cl. spar	In 18 feet.
Casco Passage Ledge Buoy 4	Red; 2d-cl. spar	In 18 feet.
YORK NARROWS		
Long Ledge East Point Buoy 2	Red; 3d-cl. spar	In 15 feet.
Long Ledge Southeastern End Buoy 4.	Red; 3d-cl. spar	In 24 feet.
Joe Gott Shoal Buoy 3	Black; 3d-cl. spar	In 24 feet.
Yard Rock Buoy 5	Black; 2d-cl. can	At north end of shoal. In 18 feet.
Long Ledge Buoy 6	Red; 3d-cl. spar	In 18 feet.
POND ISLAND PASSAGE		
Twelve-Foot Shoal Buoy 2	Red; 2d-cl. spar	On south end of shoal. In 24 feet.
Fifteen-Foot Rock Buoy 3	Black; 2d-cl. spar	Northwesterly of rock. In 19 feet.

SEACOAST

BURNT COAT HARBOR		
Burnt Coat Harbor Entrance Whistle Buoy.	Black and white vertical stripes; conical.	In 96 feet.
Seal Ledge Buoy 1	Black; 1st-cl. spar	In 30 feet.
Fairway Bell Buoy	Black and white vertical stripes.	Southwest of Harbor Island. In 84 feet.
The Bull Buoy 3	Black; 2d-cl. spar	In 24 feet.
Harbor Island Ledge Beacon	Red; wheel on iron spindle.	

Name; mark on aid	Description	Location—Depth
JERICHO BAY		
Drunkard Ledge Buoy, 1	Black; 1st-cl. can	In 60 feet.
Blue Hill Rock Buoy, 1 A	Black; 1st-cl. spar	In 36 feet.
Marshalls Island Buoy, 1	Black; 2d-cl. spar	In 22 feet.
Hat Island Ledge Buoy, 2	Red; 2d-cl. tall nun	In 30 feet.
Halibut Rocks Beacon	Red; triangular, pyramidal structure; lower part boarded, upper part horizontally slatted.	
Halibut Rocks Bell Buoy 1	Black	In 58 feet.
Western Halibut Buoy	Red and black horizontal bands; 1st-cl. spar.	Southwest of rock. In 30 feet.
Whaleback Ledge Buoy 2	Red; 1st-cl. spar	In 30 feet.
The Woodbury Buoy	Red and black horizontal bands; 2d-cl. spar.	Southeast of ledge. In 18 feet.
Hanus Ledge Buoy 1	Black; 2d-cl. spar	In 24 feet.
Sunken Egg Rock Buoy	Red and black horizontal bands; 2d-cl. spar.	On ledge. In 18 feet.
Long Ledge Buoy 2	Red; 1st-cl. nun (s)	In 24 feet.
Long Ledge Beacon	Red; triangular, pyramidal structure; upper half horizontally slatted.	
Eight-Foot Rock Buoy 1	Black; 1st-cl. spar	1,300 yards from Long Ledge Beacon. In 27 feet.
Egg Rock Bell Buoy 8	Red	160 yards 200° from Egg Rock Tripod. In 51 feet.
Egg Rock Tripod	Red; upper half horizontally slatted.	On rock.
Green Ledge Buoy 1 A	Black; 2d-cl. spar	In 24 feet.
Mahoneys Island Ledge Buoy 2	Red; 1st-cl. spar	0.2 mile south of ledge, at east entrance to Eggemoggin Reach. In 30 feet.
Flyes Point Ledge Buoy 1	Black; 1st-cl. spar	In 30 feet.
FROM YORK NARROWS, OR CASCO PASSAGE		
Saddle Back Island Bell Buoy	Black and white vertical stripes.	In 39 feet.
Shingle Island Sunken Ledge Buoy, 4.	Red; 2d-cl. spar	In 24 feet.
Bold Island Buoy 1	Black; 1st-cl. spar	In 39 feet.
Colby Ledge Beacon	Red; spherical cage on iron spindle.	
Colbys Pup Buoy	Red and black horizontal bands; 2d-cl. spar.	East of ledge. In 18 feet
MERCHANTS ROW		
FROM SOUTHEAST: *York Island Rock Buoy 1*	Black; 1st-cl. spar	In 30 feet.
Seven Foot Shoal Buoy 2	Red; 1st-cl. spar	In 33 feet.
Airy Ledge Buoy 3	Black; 1st-cl. spar	In 36 feet.
Burnt Ledge Buoy 5	Black; 1st-cl. spar	In 27 feet
Leach Rock Buoy 7	Black; 1st-cl. spar	In 39 feet.

Name; mark on aid	Description	Location—Depth
MERCHANTS ROW		
Barter Island Ledges Beacon	Red; spherical cage on iron spindle.	
Harbor Island Ledge Buoy 3	Black; 1st-cl. spar	North of ledge. In 30 feet.
Mid-Channel Ledge Buoy	Red and black horizontal bands; 2d-cl. spar.	South of ledge. In 18 feet.
DEER ISLAND THOROFARE		
Deer Island Thorofare Bell Buoy	Black and white vertical stripes.	In 36 feet.
Potato Ledge Buoy 1 A	Black; 1st-cl. can (s)	In 24 feet.
Lazygut Ledge Buoy 4	Red; 1st-cl. nun (s)	In 18 feet.
Eastern Mark Island Rock Buoy 1	Black; 1st-cl. can (s)	In 27 feet.
Eastern Mark Island Ledge Buoy 3.	Black; 2d-cl. can (s)	In 30 feet.
Hayeock Rock Beacon	Black; spherical cage on iron spindle.	
White Rock Buoy 6	Red; 2d-cl. nun (s)	In 18 feet.
Haskell Ledge Buoy 8	Red; 2d-cl. nun (s)	In 14 feet.
Bold Island East Ledge Buoy 5	Black; 2d-cl. can (s)	In 27 feet.
Door Ledge Buoy 10	Red; 2d-cl. nun (s)	In 30 feet.
Bold Island Western Ledge Buoy 7	Black; 2d-cl. can (s)	North end of shoal. In 34 feet.
Russ Island Ledge Buoy 9	Black; 2d-cl. can (s)	In 17 feet.
Dow Ledge Buoy 12	Red; 2d-cl. nun (s)	In 24 feet.
Staples Ledge East Buoy 1	Black; spar	In 16 feet. Maintained by Eastern Steamship Lines (Inc.), from Apr. 1 to Oct. 31.
Staples Ledge West Buoy 5	Black; spar	
Staples Ledge Buoy 14	Red; 2d-cl. nun (s)	In 18 feet.
Thurlow Knob Ledge Buoy 11	Black; 2d-cl. can (s)	In 30 feet.
Crotch Island Buoy 13	Black; 2d-cl. can (s)	In 13 feet.
Crotch Island Ledge Beacon	Black cubical cage and spindle, on gray pyramidal granite structure.	
Moose Island Rock Buoy 16	Red; 2d-cl. nun (s)	In 15 feet.
Field Ledge Buoy 15	Black; 1st-cl. can (s)	North of ledge. In 18 feet
West Mark Island Ledge Buoy 2	Red; 2d-cl. tall nun	In 30 feet.
OCEANVILLE APPROACH		
The Boat Rock Buoy	Red and black horizontal bands; 2d-cl. spar.	East of ledge. In 18 feet
Whaleback Ledge Buoy 1	Black; 2d-cl. spar	In 18 feet.
CROTCH ISLAND PASSAGE		
Two-Bush Island Point Buoy 1	Black; 2d-cl. can (s)	In 21 feet.
Crotch Island Passage Buoy 2	Red; 2d-cl. nun (s)	In 21 feet.
Rock Island Buoy 4	Red; 2d-cl. nun (s)	In 27 feet.
EGGEMOGGIN REACH		
Eggemoggin Eastern Bell Buoy	Black and white vertical stripes.	4,200 yards 321½° from Egg Rock Beacon. In 50 feet.
Hay Island Ledge Buoy	Red and black horizontal bands; 2d-cl. spar.	West of ledge. In 18 feet.
Devils Head Ledge Buoy 4	Red; 2d-cl. nun	In 60 feet.

Name; mark on aid	Description	Location—Depth
EGGEMOGGIN REACH		
Channel Rock Buoy 3	Black; 1st-cl. spar	In 30 feet.
Little Babson Island Buoy 4 A	Red; 1st-cl. spar	In 70 feet.
Conary Ledge Buoy 5	Black; 2d-cl. spar	Northeast of ledge. In 18 feet.
Eleven-Foot Spot Buoy 4 B	Red; 1st-cl. spar	In 27 feet.
Torrys Castle Tripod	Red; upper half horizontally slatted.	
Torrys Ledge Buoy 4 C	Red; 1st-cl. spar	In 30 feet
Bridges Point Shoal Buoy 6	Red; 2d-cl. spar	In 24 feet.
Stump Cove Ledge Buoy 8	Red; 2d-cl. nun	In 30 feet.
Sixteen-Foot Spot Buoy 7	Black; 1st-cl. spar	In 27 feet.
Tinker Ledges Buoy 7 A	Black; 1st-cl. spar	0.4 mile from steamboat wharf. In 30 feet.
Steamboat Rock Buoy 10	Red; 1st-cl. spar	In 27 feet.
Byard Point Buoy 12	Red; 1st-cl. spar	In 27 feet.
Howard Ledges Buoy 9	Black; 1st-cl. spar	In 30 feet.
Triangle Ledges Eastern End Buoy 11.	Black; 2d-cl. spar	In 18 feet.
Triangle Ledges Western End Buoy 13.	Black; 2d-cl. spar	In 24 feet.
Pumpkin Island Ledge Buoy 15	Black; 2d-cl. spar	In 18 feet.
Merriman Ledge Buoy 17	Black; 1st-cl. spar	In 30 feet
Thirteen-Foot Rock Buoy	Red and black horizontal bands; 2d-cl. spar.	At west entrance to Reach. In 13 feet.
Spectacle Island Ledge Buoy 14	Red; 2d-cl. spar	In 18 feet.
Two-Bush Ledge Buoy	Red and black horizontal bands; 1st-cl. spar.	West of ledge. In 30 feet.
Eggemoggin Reach Bell Buoy	Black and white vertical stripes.	At west entrance to Reach. In 96 feet.
RUDDER ROCK CHANNEL		
Rudder Rock Buoy	Red and black horizontal bands; 3d-cl. spar.	Southwest of ledge. In 12 feet.
CENTER HARBOR		
Chatto Island Ledge Buoy 2	Red; 3d-cl. spar	In 18 feet.
Center Harbor Ledge Beacon	Black; spherical cage on iron spindle.	
BUCKS HARBOR		
Bucks Harbor Ledge Buoy 1	Black; 3d-cl. spar	On north side of ledge. In 12 feet.

SEACOAST

SEACOAST		
Eastern Ear Ledge Buoy 2	Red; 2d-cl. nun	In 42 feet.
Roaring Bull Beacon	Red; spherical cage on iron spindle.	On Roaring Bull Ledge.
Bay Ledge Bell Buoy 2	Red	In 48 feet.
Heron Neck Whistle Buoy 2	Red; conical	2 miles southwest of Heron Neck Lighthouse. In 108 feet.
TWO-BUSH CHANNEL		
Thirty-one Foot Shoal Buoy 2 A	Red; 1st-cl. nun	South of shoal, 2.3 miles 71½° from Two-Bush Island Lighthouse. In 72 feet.
Halibut Rock Buoy 2 B	Red; 1st-cl. spar	Guide to entering channel between Andrews and Hewell Islands. In 45 feet.

Name; mark on aid	Description	Location—Depth
TWO-BUSH CHANNEL		
Fifteen-Foot Spot Buoy	Red and black horizontal bands; 2d-cl. tall can.	Northeast of shoal. In 30 feet.
Northern Triangles Buoy 1	Black; 2d-cl. tall can	In 60 feet.
Twenty-two Foot Rock Buoy 2	Red; 2d-cl. tall nun	0.7 mile 208° from Two-Bush Island Lighthouse. In 28 feet.
Two-Bush Ledge Buoy	Red and black horizontal bands; 1st-cl. tall nun.	On ledge. In 62 feet.
Alden Rock Buoy	Red and black horizontal bands; 1st-cl. spar.	35 yards 212° from 4-foot spot. In 30 feet.
Crow Island Ledges Buoy 2	Red; 1st-cl. spar	In 30 feet.
SEACOAST		
Metinic Island Ledge Buoy	Red and black horizontal bands; 1st-cl. spar.	Southwest of ledge. In 30 feet.
Black Ledges (Roaring Bull) Buoy 3.	Black; 1st-cl. tall can	In 48 feet.
Old Cilley Ledge Bell Buoy 2 OC	Red	In 72 feet.
Old Man Ledge Beacon	Red; wheel and pendants on iron spindle.	
Sunken Duck Rock Buoy 5	Black; 1st-cl. spar	In 30 feet.
Duck Rocks Tripod	Black; upper half horizontally slatted.	On Western Duck Rocks.
Duck Rocks Bell Buoy 5	Black	In 84 feet.
Moser Ledge Buoy	Red and black horizontal bands; 1st-cl. nun.	South of ledge. In 54 feet.
MATINICUS ISLAND HARBOR		
Zephyr Rock Buoy 1	Black; 1st-cl. spar	1.6 miles northeast of north end of Matinicus Island. In 30 feet.
Whaleback Buoy 3	Black; 1st-cl. spar	In 28 feet.
Matinicus Island North End Bell Buoy.	Black and white vertical stripes.	In 84 feet.
Harbor Ledge Buoy	Red and black horizontal bands; 3d-cl. spar.	At mouth of Matinicus Harbor. In 24 feet.
Mackerel Ledge Buoy 5	Black; 1st-cl. can (s)	North of northerly ledge. In 30 feet.
EAST PENOBSCOT BAY		
Saddleback Ledge Shoal Buoy	Red and black horizontal bands; 1st-cl. nun.	South-southwest of ledge. In 30 feet.
Diamond Rock Ledge Buoy 1	Black; 1st-cl. spar	In 30 feet.
Halibut Ledge Buoy 3	Black; 1st-cl. spar	In 40 feet.
Triangle Ledge Buoy 5	Black; 1st-cl. spar	In 30 feet.
Sellers Rock Buoy	Red and black horizontal bands; 1st-cl. spar.	South-southwest of rock. In 30 feet.
Porcupine Ledge Buoy	Red and black horizontal bands; 1st-cl. spar.	South of ledge. In 30 feet.
Middle Rock Buoy	Red and black horizontal bands; 1st-cl. spar.	North-northeast of ledge. In 30 feet.
Green Ledge Bell Buoy 2	Red	In 90 feet. Removed if endangered by ice.
Long Island Ledge Buoy 9	Black; 1st-cl. spar	East of ledge off North Islesboro. In 30 feet.
PENOBSCOT RIVER		
Steels Ledge Buoy 2	Red; 2d-cl. spar	In 27 feet.
Fort Point Ledge Beacon	Red keg, on bilge-on red mast, on gray, pyramidal stone pier.	

Name; mark on aid	Description	Location—Depth
PENOBSCOT RIVER		
Fort Point Reef Buoy 5	Black; 2d-cl. tall can	In 30 feet.
Sandy Point Ledge Buoy 7	Black; 2d-cl. tall can	In 48 feet.
Eighteen-Foot Spot Buoy 4	Red; 2d-cl. tall nun	In 54 feet.
Ten-Foot Rock Buoy 9	Black; 2d-cl. tall can	In 25 feet.
Odoms Ledge Beacon OL	Black; mast with keg on end on square stone base.	On highest point of ledge, about 3.4 miles below Bucksport.
Lower Buoy 2	Red; 1st-cl. nun (s)	Marks turn in channel. In 12 feet.
Frankfort Flats Buoy 4	Red; 1st-cl. nun (s)	On west point of flats; about 3 miles above Bucksport. In 12 feet.
Bucks Ledge Beacon	Red; ball on cylinder on iron spindle.	3 miles above Frankfort.
Bald Hill Reach Shoal Buoy 6	Red; 1st-cl. nun (s)	Off north end of flats; marks turn in river. In 18 feet.
ISLE AU HAUT THOROFARE		
Marsh Cove Ledges Buoy 1	Black; 2d-cl. can	In 66 feet.
Sawyer Ledge Buoy 1	Black; 2d-cl. spar	In 20 feet.
Inner Ledge Beacon	Black; wheel on iron spindle.	
ISLE AU HAUT BAY		
Merchants Island Ledge Buoy 1	Black; 1st-cl. spar	West of ledge. In 24 feet.
Channel Rock Beacon	White; tripod, upper half horizontally slatted.	
Ram Island Sunken Ledge Buoy	Red and black horizontal bands; 1st-cl. spar.	North side of ledge. In 24 feet.
North Bay Ledge Buoy 2	Red; 2d-cl. spar	In 24 feet.
Bay Ledge Beacon	Red and black; spherical cage on iron spindle.	
Birch Point Shoal Buoy 3	Black; 2d-cl. spar	In 24 feet.
Birch Point Beacon	Red; spherical cage on iron spindle.	
NORTHWEST HARBOR		
Gull Ledge Buoy 4	Red; 2d-cl. spar	In 24 feet.
Pressey Ledge Buoy 3	Black; 2d-cl. spar	In 24 feet.
ISLANDS NORTHEAST OF NORTH VINALHAVEN ISLAND		
Fling Island Ledge Buoy 1	Black; 1st-cl. spar	In 30 feet.
Channel Rock Buoy 2	Red; 2d-cl. spar	In 30 feet.
PASSAGE BETWEEN LITTLE DEER ISLE AND PICKERING ISLAND		
Swayn Cove Ledge Buoy 1	Black; 2d-cl. spar	In 24 feet
CASTINE HARBOR AND BAGADUCE RIVER		
Nautilus Rock Buoy 1 A	Black; 2d-cl. spar	In 19 feet.
Castine Harbor Entrance Bell Buoy.	Black and white vertical stripes. Iron spar buoy substituted in winter.	0.4 mile west from Nautilus Island; bell buoy maintained from April to October, inclusive. In 72 feet.
Otter Rock Shoal Buoy 1	Black; 2d-cl. spar	In 18 feet.

Name; mark on aid	Description	Location—Depth
CASTINE HARBOR AND BAGADUCE RIVER		
Hosmer Ledge Beacon	Red cask and pole on stone monument.	Leave on starboard hand going in.
Middle Ground Buoy 2	Red; 2d-cl. spar	35 yards from old monument, awash at half tide. In 18 feet.
Trotts Ledge Buoy 3	Black; 2d-cl. spar	In 18 feet.
Negro Island Four-Foot Shoal Buoy 5.	Black; 2d-cl. spar	In 18 feet.
Lower Middle Ground Eight-Foot Shoal Buoy 4.	Red; 3d-cl. spar	In 14 feet.
Jones Halftide Ledge Perch	Red; keg on end on perch	
Dunbars Ledge Buoy 7	Black; 3d-cl. spar	In 18 feet.
Dunbars Ledge North Point Perch.	Black; keg on bilge on perch.	
Big Ledge Perch	Red; keg on end on perch	
Wardwells Point Perch	Black; keg on bilge on perch.	
Youngs Island Halftide Ledge Perch.	Red; keg on end on perch	
Battle Island Perch	Black; keg on bilge on perch.	
Youngs Island Shoal East End Buoy 6.	Red; 4th-cl. spar	In 15 feet.
Gravel Island Southeast End Perch.	Red; keg on end on perch	
Gravel Island Northwest End Perch.	Red; keg on end on perch	
McCaslins Ledge 6½-Foot Shoal Buoy 9.	Black; 4th-cl. spar	In 15 feet.
Grants Ledge Perch	Red; keg on end on perch	
Seal Ledge Perch	Black; keg on bilge on perch.	
Sparks Island Middle Ground Lower Buoy 11.	Black; 4th-cl. spar	East of island. In 10 feet.
Sparks Island Middle Ground Upper Buoy 13.	Black; 4th-cl. spar	
Bridges Point Perch	Red; keg on end on perch	
Dredged Channel Perch	Black; keg on bilge on perch.	
Dredged Channel Perch	Black; keg on bilge on perch.	
Winslows Island South Point Perch.	Black; keg on bilge on perch.	
Roberts Point Perch	Red; keg on end on perch	On south side of channel.
Dredged Channel Perch	Black; keg on bilge on perch.	
Dredged Channel Perch	Black; keg on bilge on perch.	
Dredged Channel Perch	Black; keg on bilge on perch.	
CARVERS HARBOR (VINALHAVEN)		
FROM EASTWARD		
Crosbys Ledge Buoy 2 A	Red; 1st-cl. spar	In 30 feet.
Sheep Island Ledge Buoy 2	Red; 2d-cl. spar	In 24 feet.

Name; mark on aid	Description	Location—Depth
CARVERS HARBOR (VINALHAVEN)		
FROM EASTWARD		
Old Duke Ledge Buoy 2 B	Red; 2d-cl. spar	In 20 feet.
Bunker Ledge Buoy 4	Red; 2d-cl. spar	In 24 feet.
Point Ledge Beacon	Red; 4 vanes on iron spindle.	
Channel Rock Buoy 4	Red; 3d-cl. spar	In 24 feet.
Norton Point Ledge Buoy 3	Black; 3d-cl. spar	In 18 feet.
FROM SOUTHWARD		
Old Horse Ledge Bell Buoy 2 A	Red	227° from ledge. In 81 feet.
Colt Ledge Buoy 2	Red; 1st-cl. spar	In 30 feet.
The Breakers Ledge Buoy 1	Black; 1st-cl. spar	In 30 feet.
Areys Ledges Buoy 4	Red; 1st-cl. spar	In 30 feet.
FROM WESTWARD		
The Breakers Sunken Ledge Buoy 2.	Red; 1st-cl. spar	In 30 feet.
Channel Ledge Buoy	Red and black horizontal bands; 2d-cl. spar.	Southwest of ledge. In 24 feet.
FOX ISLANDS THOROFARE		
Sunken Black Ledge Buoy 2	Red; 1st-cl. nun (s)	In 24 feet.
Channel Rock Bell Buoy 2	Red	South-southeast from rock. In 60 feet.
Channel Rock Beacon	Red; cask on bilge on iron spindle.	
Bradstreet Rock Buoy 1	Black; 1st-cl. can (s)	In 24 feet.
Birch Island Buoy 3	Black; 2d-cl. can (s)	In 27 feet.
Fish Point Ledge Buoy 4	Red; 1st-cl. nun (s)	In 18 feet.
Waterman Ledge Buoy 6	Red; 2d-cl. nun (s)	In 18 feet.
Dobbin Rock Buoy 8	Red; 1st-cl. nun (s)	In 20 feet.
Iron Point Ledge Beacon	Black; spherical cage on iron spindle.	
Grindstone Ledge Buoy 10	Red; 1st-cl. nun (s)	In 15 feet.
Lobster Ledge Buoy 12	Red; 2d-cl. nun (s)	In 18 feet.
Post-Office Ledge Buoy	Red and black horizontal bands; 2d-cl. nun (s).	Southwest of ledge. In 16 feet.
Young Point Beacon	Black; cylindrical day mark of vanes on iron spindle. Green reflector.	On end of point.
Cross Island Ledge Buoy 14	Red; 2d-cl. nun (s)	In 18 feet.
Calderwood Rock Buoy	Red and black horizontal bands; 2d-cl. nun (s).	Northeast side of rock. In 18 feet.
Foxes Ears Beacon	Red; spherical cage on iron spindle.	
Browns Head Ledge Buoy 5	Black; 1st-cl. can (s)	In 30 feet.
Crabtree Point Ledge Buoy 16	Red; 1st-cl. nun (s)	At west entrance to thorofare. In 50 feet.
Dogfish Ledges Beacon	Black; spherical cage and 4 horizontal iron arms on iron spindle.	At west entrance to thorofare.

Name; mark on aid	Description	Location—Depth
FOX ISLANDS THOROFARE		
Fiddler Ledge Beacon	Gray stone; square shaft, pyramidal top.	
Fox Islands Thorofare Bell Buoy	Black and white vertical stripes.	Marks entrance to thorofare. In 90 feet.
Fourteen-Foot Buoy	Red and black horizontal bands; 1st-cl. nun (s).	Marks shoal in west entrance to thorofare. In 33 feet.
ISLESBORO HARBOR		
Hewes Ledge Northeast End Buoy 1.	Black; 1st-cl. spar	In 30 feet.
Hewes Ledge Southwest End Buoy 2.	Red; 2d-cl. spar	In 24 feet.
PASSAGE NORTHWARD OF NORTH HAVEN ISLAND		
McIntosh Ledge Buoy	Red and black horizontal bands; 2d-cl. nun.	Southwest of ledge. In 36 feet.
Mouse Island Reef Buoy 1A	Black; 2d-cl. can	In 180 feet.
Mouse Island Ledge Beacon	Black; cask on bilge on iron spindle.	On ledge.
Egg Rock Ledge Buoy	Red and black horizontal bands; 1st-cl. spar.	North-northeast of ledge. In 30 feet.
Compass Ledge Buoy	Red and black horizontal bands; 1st-cl. spar.	East of ledge. In 30 feet.
Gull Point Buoy 1	Black; 2d-cl. can	Off east side of ledge. In 96 feet.
Halftide Ledge Buoy	White; barrel	Easterly of ledge 0.5 mile northerly of Dark Harbor. Maintained from June to October by Lewis E. Foss. In 70 feet.
PASSAGE BETWEEN MARK ISLAND AND ROBINSON ROCK		
Mark Island Ledge Bell Buoy 1	Black	In 90 feet.

WEST PENOBSCOT BAY

Matinicus South Breaker Buoy	Red and black horizontal bands; 1st-cl. nun.	Southwest of ledge. In 30 feet.
Inner Breaker Buoy 2	Red; 1st-cl. spar	Off south end of shoal. In 30 feet.
Southwest Ledge Buoy 4	Red; 2d-cl. nun	In 84 feet.
Ragged Island Harbor Ledges Buoy 6.	Red; 2d-cl. spar	Marks ledges west of island. In 27 feet.
Bantam Ledge Buoy	Red and black horizontal bands; 1st-cl. spar.	South of ledge. In 30 feet.
Foster Ledges Buoy	Red and black horizontal bands; 1st-cl. spar.	South of ledge. In 30 feet.
Green Island Seal Ledges Whistle Buoy 1 GI.	Black; conical	0.4 mile southeast from ledges. In 144 feet.
WEST OF GREEN ISLANDS		
Southern Triangles Buoy 1 T	Black; 1st-cl. spar	125 yards 130° from most easterly rock of Southern Triangles. In 48 feet.
Sunken Ledge Buoy	Red and black horizontal bands; 1st-cl. nun.	Marks 3-fathom ledge. In 28 feet.
Guide Buoy 2 A	Red; 1st-cl. nun	4.8 miles 261° from Heron Neck Lighthouse. In 51 feet.
Twenty-five-Foot Rock Buoy 1 A	Black; 1st-cl. can	East of shoal, about 0.7 mile northeast of Crescent Island. In 132 feet.

Name; mark on aid	Description	Location—Depth
WEST OF GREEN ISLANDS		
South Guide Buoy 6	White; 1st-cl. can	In 210 feet.
South Guide Buoy 4	White; solid black circle surrounded by black ring; 1st-cl. can.	In 300 feet. Naval trial course buoys.
South Range Buoy 3	White; solid black diamond; 1st-cl. can.	In 456 feet. Naval trial course buoys.
South Range Front Beacon	Mast, upper half black, lower yellow, on yellow pyramidal skeleton tower, upper third horizontally slatted.	On north point of Sheep Island. Maintained by U. S. Navy.
South Range Rear Beacon	Black oval daymark and mast, on yellow pyramidal skeleton tower, upper third horizontally slatted.	1 mile 270° from front beacon. Maintained by U. S. Navy.
Inner Bay Ledges Southern End Buoy 4.	Red; 2d-cl. tall nun	In 42 feet.
Inner Bay Ledges Northern End Buoy 6.	Red; 1st-cl. spar	0.2 mile west of ledges. In 30 feet.
Monroe Island Bell Buoy 3	Black	Off east point of Monroe Island, west side of south entrance to West Penobscot Bay. In 162 feet.
North Range Buoy 2	White; solid black triangle; 1st-cl. can.	In 330 feet. Naval trial course buoys.
North Guide Buoy 1	White; solid black circle; 1st-cl. can.	In 240 feet. Naval trial course buoys.
North Guide Buoy 1A	White; 1st-cl. can	In 216 feet.
North Range Front Beacon	Black mast, on yellow pyramidal skeleton tower, upper third horizontally slatted.	On north point of Monroe Island. Maintained by U. S. Navy.
North Range Rear Beacon	Black oval daymark and mast, on yellow pyramidal skeleton tower, upper third horizontally slatted.	1.6 miles 270° from front beacon. Maintained by U. S. Navy.
Drunkards Ledge Beacon	Red; spherical cage on iron spindle.	Near ledge near west entrance of Fox Islands Thorofare. In going to Fox Islands Thorofare, leave on port hand.
Brewster Point Ledge Buoy 1	Black; 1st-cl. spar	In 30 feet.
Ram Island Ledge Buoy 3	Black; 1st-cl. spar	In 30 feet.
Porterfield Ledge Beacon	Black; barrel on end on mast, on square stone pyramid.	
Mark Island Point Beacon	Red; spherical cage on iron spindle.	
Fourteen Foot Patch Bell Buoy	Red and black horizontal bands; white reflector.	In 48 feet.
The Graves Beacon	Red and black; cask on end on iron spindle.	
Northeast Ledge South End Buoy 2.	Red; 1st-cl. spar	In 24 feet.
Northeast Ledges North End Bell Buoy 1 NL.	Black	0.3 mile northeast of ledge. In 30 feet.
Dillingham Ledge Buoy 1	Black; 1st-cl. spar	In 30 feet.
Ensign Island Bell Buoy	Red and black horizontal bands.	South of island. In 55 feet
Eight-Foot Patch Buoy	Red and black horizontal bands; 3d-cl. spar.	West of ledge. In 10 feet.

Name; mark on aid	Description	Location—Depth
Grindel Point Beacon	White square tower; white reflector.	On north side of entrance to Gilkey Harbor. 39 feet high.
Spruce Head Bell Buoy 3	Black	Marks turning point. In 102 feet.
Sears Island Reef Bell Buoy 1	Black	In 30 feet.
Twenty-five Foot Shoal Buoy 3	Black; 2d-cl. tall can	South of 25-foot shoal, 0.7 mile south of Sears Island. In 54 feet.
Sears Island Southeast Point Buoy 5.	Black; 2d-cl. tall can	Off point. In 46 feet.
THE REACH		
The Reach Rock Buoy 2	Red; 3d-cl. spar	In 18 feet.
Wreck Point Beacon	Black; cask on bilge on iron spindle.	On point between Green Island and Vinalhaven Island.
Little Island Buoy 1 A	Black; 3d-cl. spar	In 20 feet.
The Reach Buoy 4	Red; 3d-cl. spar	In 18 feet.
Dog Point Ledge Buoy 6	Red; 3d-cl. spar	In 18 feet.
Green Island Sunken Ledge Buoy 1.	Black; 1st-cl. spar	North of Green Island. In 35 feet.
HURRICANE SOUND		
Deadman Ledge North End Buoy 3.	Black; 2d-cl. spar	In 30 feet.
Hurricane Island North Ledge Buoy 5.	Black; 2d-cl. spar	In 24 feet.
Mackerel Rock Buoy	Red and black horizontal bands; 2d-cl. nun.	Southwest of ledge. In 24 feet.
Middle Rock Buoy 7	Black; 1st-cl. spar	In 30 feet.
LAIREYS NARROWS		
Laireys Island North Ledge Buoy	Red and black horizontal bands; 2d-cl. spar.	Northwest of ledge. In 18 feet.
White Rocks Buoy 2 A	Red; 2d-cl. spar	In 22 feet.
White Islands Ledge Buoy 1	Black; 2d-cl. spar	In 24 feet.
Green Island Southwest Mid-Channel Bell Buoy.	Black and white vertical stripes.	Marks entrance to Laireys Narrows. In 45 feet.
Green Island Ledge Buoy 2	Red; 2d-cl. spar	In 24 feet.
Seal Ledge Buoy 3	Black; 2d-cl. spar	In 27 feet.
Northeast Bay Ledge Buoy 5	Black; 1st-cl. spar	In 30 feet.
GILKEY HARBOR		
Gilkey Harbor Buoy 1	Black; 4th-cl. spar	Maintained by Tarratine Club of Dark Harbor, from June 1 to Oct. 1. In 6 feet.
Spruce Island North Point Buoy 2.	Red; 2d-cl. spar	270 yards north from point. In 27 feet.
Gilkey Harbor Buoy 2 A	Red; 4th-cl. spar	Off shoal extending east from Spruce Head. In 6 feet.
Gilkey Harbor Buoy 3	Black; 4th-cl. spar	West-southwest of Lobster Rocks. In 6 feet.
Gilkey Harbor Buoy 4	Red; 3d-cl. spar	Off shoal extending east from Spruce Island. In 10 feet.
Gilkey Harbor Buoy 5	Black; 3d-cl. spar	Off southwest end of Long Ledge. In 8 feet.
Gilkey Harbor Buoy 5 A	Black; 3d-cl. spar	West side of ledge, west from Forbes Landing. In 7 feet.

Maintained by Tarratine Club of Dark Harbor, from June 1 to Oct. 1.

Name; mark on aid	Description	Location—Depth	
GILKEY HARBOR			
Thrumcap Ledge Buoy 1	Black; 2d-cl. spar	200 yards west-southwest from Thrumcap Island. In 27 feet.	
Gilkey Harbor Buoy 7	Black; 3d-cl. spar	On north end of rock, off Ship Yard Point, north of entrance to Ames Cove. In 8 feet.	Maintained by Tarratine Club of Dark Harbor, from June 1 to Oct. 1.
Gilkey Harbor Buoy 9	Black; 3d-cl. spar	Off south end of rock, off Ship Yard Point, north of entrance to Ames Cove. In 8 feet.	
Gilkey Harbor Buoy 11	Black; 3d-cl. spar	On north end of Gilkey Point Ledge, south of entrance to Ames Cove. In 7 feet.	
Gilkey Harbor Buoy 13	Black; 3d-cl. spar	On south end of Gilkey Ponit Ledge. In 8 feet.	
Gilkey Harbor Buoy 4 A	Red; 3d-cl. spar	Marks 6-foot rock near Tumble Down Dick. In 8 feet.	
Gilkey Harbor Buoy 15	Black; 4th-cl. spar	Off end of long ledge extending about northeast from Minots Island. In 6 feet.	
Gilkey Harbor Buoy 6	Red; 3d-cl. spar	On end of Middle Ground, extending from Minots Island into Eastern Channel. in 8 feet.	
Gilkey Harbor Buoy 8	Red; 3d-cl. spar	On end of south bar, making out from Middle Island to point near Bracketts Wharf. In 7 feet.	
Minots Ledge Buoy 3	Black; 2d-cl. spar	In 24 feet.	
Gilkey Harbor Buoy 17	Black; 3d-cl. spar	Off southwest point of Minots Ledge, in 7 feet.	Maintained by Tarratine Club of Dark Harbor, from June 1 to Oct. 1.
Gilkey Harbor Beacon	White; barrel on end on stake.	On south end of Big Biscuit.	
Gilkey Harbor Buoy 19	Black; 4th-cl. spar	Off north end of Long Reef, west side of Jobs Island. In 6 feet.	
Gilkey Harbor Buoy 21	Black; 4th-cl. spar	Off middle of Long Reef, west side of Jobs Island. In 6 feet.	
Gilkey Harbor Buoy 23	Black; 3d-cl. spar	Off south end of Long Reef, west side of Jobs Island. In 10 feet.	
MUSCLE RIDGE CHANNEL			
South Breaker Bell Buoy 2 SB	Red	0.2 mile from southwest point of shoal. In 90 feet.	
South Breaker Buoy 2	Red; 1st-cl. nun (s)	Southwest of ledge. In 30 feet.	
Yellow Ledge Beacon	Red; cylinder on end on iron spindle.	On southwest end of ledge.	
Hay Island Ledge Buoy 1	Black; 1st-cl. can	In 30 feet.	
Lower Gangway Ledge Buoy	Red and black horizontal bands; 2d-cl. tall nun.	Southwest of rock. In 30 feet.	
Burnt Island Ledge Buoy 3	Black; 1st-cl. can (s)	Southwest of ledge. Leave on starboard hand to enter Seal Harbor. In 24 feet.	

Name, mark on aid	Description	Location—Depth
MUSCLE RIDGE CHANNEL		
White Rock	Rock painted white; white and black ball and stripe.	On east side of Sprucehead Island.
Hurricane Ledge Buoy 4	Red; 1st-cl. nun (s)	In 30 feet.
Sherman Buoy 3 A	Black; 2d-cl. can	Off east point of Sprucehead Island. In 7 feet.
Sunken Ledge Buoy 5	Black; 1st-cl. can (s)	In 30 feet.
Garden Island Ledge Beacon	Black; cylinder on end on iron spindle.	
Oak Island Ledge Buoy 6	Red; 1st-cl. nun (s)	In 27 feet.
Otter Island Beacon	Red; tripod, upper half horizontally slatted.	
Otter Island Ledge Beacon	Black; spherical cage on iron spindle.	
Ash Island Ledge Buoy 7	Black; 1st-cl. can (s)	Close to south end of ledge. In 36 feet.
Upper Gangway Ledge Buoy	Red and black horizontal bands; 2d-cl. tall nun.	Close to southwest end of ledge. In 36 feet.
Halftide Rock Buoy 9	Black; 1st-cl. can (s)	In 24 feet.
Inner Grindstone Ledges Buoy 8	Red; 1st-cl. nun (s)	In 30 feet.
Ash Island Beacon	Black; tripod; upper half horizontally slatted.	Off east point of Ash Island.
Ash Island Bell Buoy 11	Black	Marks turning point off Ash Island. In 60 feet.
Emory Island Beacon	Black; cask on end on iron spindle.	
FISHERMAN ISLAND PASSAGE		
Sheep Island Shoals Buoy 2	Red; 2d-cl. nun (s)	In 36 feet.
Grindstone Ledge Buoy 1	Black; 1st-cl. can (s)	In 24 feet.
Northwest Ledge Buoy	Red and black horizontal bands; 2d-cl. spar.	Southwest of ledge. In 24 feet.
Emery Ledge Buoy	Red and black horizontal bands; 2d-cl. spar.	*South of ledge. In 18 feet.*
OWLS HEAD BAY		
Sleepers Point Buoy 1	Black; 2d-cl. can	In 18 feet.
Sheep Island Bar Buoy 2	Red; 1st-cl. nun	In 30 feet.
Dodge Point Ledge Beacon	Black; cylindrical cage on iron spindle.	
Owls Head Ledge Buoy 3	Black; 2d-cl. can	In 24 feet.
SEAL HARBOR		
Seal Island Ledge Buoy 1 A	Black; 2d-cl. spar	In 26 feet.
Long Ledge Buoy 1	Black; 2d-cl. spar	In 18 feet.
Sprucehead Island Ledge Buoy 2	Red; 2d-cl. spar	In 18 feet.
ROCKLAND HARBOR		
Shag Rock Tripod	Black; upper half horizontally slatted.	On northeast end of rock.
Spears Rock Buoy 1	Black; 1st-cl. spar	In 30 feet.
Seal Ledge Beacon	Black; cask on end on iron spindle.	
Railway Ledge Buoy 3	Black; 3d-cl. spar	0.1 mile from south side of railroad wharf. In 18 feet.
Railway Ledge South Side Buoy 2	Red; 3d-cl. spar	In 12 feet.

Name; mark on aid	Description	Location—Depth
ROCKLAND HARBOR		
Dredged Channel Buoy 1	Black; 3d-cl. spar	Rockland Breakwater Lighthouse, 114° 1,750 yards. In 15 feet.
Dredged Channel Buoy 2	Red; 3d-cl. spar	Abreast preceding. In 15 feet.
Dredged Channel Buoy 3	Black; 3d-cl. spar	In 9 feet.
Dredged Channel Buoy 5	Black; 3d-cl. spar	In 9 feet.
ROCKPORT HARBOR		
Lowell Rock Beacon	Red; ball on cylindrical cage on end on iron spindle.	
Indian Island Beacon	White square tower	On east side of entrance to Rockport Harbor. 37 feet high.
Seal Ledge Beacon	Red; cylindrical cage on iron spindle.	Near easterly shore.
Shipyard Ledge Beacon	Black; spherical cage on iron spindle.	On southeast end of ledge.
CAMDEN HARBOR		
FROM SOUTH		
Harbor Ledge Buoy 3	Black; 3d-cl. spar	In 18 feet.
Inner Ledges Southwest Point Buoy 4.	Red; 2d-cl. spar	In 27 feet.
FROM NORTH		
Northeast Ledge Buoy 1	Black; 2d-cl. spar	Northeast of ledge. In 24 feet.
Inner Ledges Beacon	Black; cylinder on end on iron spindle.	Marks south side of passage into harbor.
DUCK TRAP HARBOR		
Haddock Ledge Buoy 2	Red; 2d-cl. nun	25 yards southwest of ledge. In 42 feet.
BELFAST HARBOR		
Steels Ledge Bell Buoy 2	Red; spar buoy substituted in winter.	On south end of shoal. In 24 feet.
SEARSPORT HARBOR		
Long Cove Ledge Buoy 2	Red; 2d-cl. spar	In 27 feet.
LONG COVE		
Sears Island Buoy 2	Red; 1st-cl. spar	In 36 feet. Off west end of island.
Sears Island Buoy 4	Red; 1st-cl. spar	In 27 feet. Off west end of island.
Long Cove Buoy 1	Black; 2d-cl. spar	250 yards east of ledge. In 24 feet.
Hubbard Mooring Buoy A	White; spar	In 22 feet. Maintained by Armour Fertilizer Works.
Hubbard Mooring Buoy B	White; spar	
STOCKTON HARBOR		
Squaw Point Ledge Buoy 2	Red; 2d-cl. tall nun	At entrance to harbor. In 39 feet.
Cape Jellison West Shoal Buoy 4	Red; 1st-cl. spar	In 38 feet.

SEACOAST

WHEELER BAY		
Wheeler Bay Buoy 1	Black; 2d-cl. can	500 yards off south end of Norton Island Ledges and 1.4 miles 65° from Tenants Harbor Lighthouse. In 33 feet.
Wheeler Bay Buoy 3	Black; 2d-cl. spar	Off 5-foot ledge, 1,300 yards northward of preceding. In 24 feet.

Name; mark on aid	Description	Location—Depth
WHEELER BAY		
Wheeler Bay Buoy 2	Red; 3d-cl. spar	On east side of channel, abreast Clark Point. In 12 feet.
Wheeler Bay Buoy 4	Red; 3d-cl. spar	100 yards northward of preceding. In 12 feet.
Wheeler Bay Buoy 5	Black; 3d-cl. spar	230 yards 22° from Clark Point. In 13 feet.
TENANTS HARBOR APPROACH		
Tenants Harbor Beacon	White tower	On east end of Southern Island. 34 feet high.
Harts Ledge Buoy 1	Black; 1st-cl. spar	In 42 feet.
LONG COVE		
Long Cove Buoy 2	Red; 3d-cl. spar	Off west side of southwest point of Northern Island; 900 yards 318½° from Tenants Harbor Lighthouse. In 14 feet.
Long Cove Buoy 1	Black; 3d-cl. spar	850 yards north of preceding. In 11 feet.
Long Cove Buoy 4	Red; 3d-cl. spar	Off Clark Island, 1,200 yards north of preceding. In 11 feet.
PORT CLYDE		
APPROACH		
Mosquito Island Bell Buoy 2 MI	Red	0.2 mile south of south point of island. In 96 feet.
Mosquito Island Ledge Buoy 2	Red; 2d-cl. spar	In 24 feet.
Gunning Rock Buoy 1	Black; 1st-cl. spar	In 30 feet.
Marshall Ledge Buoy 4	Red; 2d-cl. spar	In 24 feet.
Marshall Point Ledge Buoy 2	Red; 2d-cl. spar	Marks ledge off point. In 30 feet.
Allen Ledge Buoy 3	Black; 2d-cl. spar	In 18 feet.
Hooper Island Ledge Buoy 1	Black; 2d-cl. can (s)	In 18 feet.
TO ST. GEORGE RIVER		
Channel Rock Buoy	Red and black horizontal bands; 1st-cl. spar.	Near middle of ledge. In 24 feet.
TO DAVIS STRAITS		
Hooper Rocks Buoy 6	Red; 2d-cl. tall nun	In 18 feet.
The Sisters Buoy 5	Black; 2d-cl. spar	In 24 feet.
Old Horse Ledge Beacon	Red; cylindrical cage on iron spindle.	
Gig Rock Bell Buoy	Red and black horizontal bands.	Northwest of rock. In 24 feet.
Griffin Ledge Buoy 8	Red; 2d-cl. spar	In 24 feet.
PASSAGE NORTHWARD OF McGEE ISLAND		
Ballast Rock Buoy 1	Black; 2d-cl. spar	Off north end of McGee Island. In 27 feet.
Fifteen-foot Ledge Buoy 2	Red; 1st-cl. spar	0.3 mile north of McGee Island. In 30 feet.
Jenks Ledge Buoy	Red and black horizontal bands; 1st-cl. spar.	West-northwest of ledge. In 30 feet.
ST. GEORGE RIVER		
Goose Rock Ledge Buoy	Red and black horizontal bands; 2d-cl. spar.	South of ledge. In 24 feet.
Gay Island Ledge Buoy 1	Black; 1st-cl. spar	In 33 feet.

Name; mark on aid	Description	Location—Depth
ST. GEORGE RIVER		
Gay Cove Ledge Buoy 3	Black; 1st-cl. spar	In 30 feet.
Howards Point Buoy 2	Red; 1st-cl. spar	Marks 18-foot rock. In 36 feet.
Pleasant Point Buoy 5	B ack; 1st-cl. spar	In 30 feet.
Henderson Ledge Buoy 7	Black; 2d-cl. spar	In 18 feet.
Bailey Ledge Buoy 9	Black; 2d-cl. spar	In 24 feet.
Bradford Flats Buoy 9A	Black; 2d-cl. spar	In 36 feet.
Fort Flats Buoy 2A	Red; 2d-cl. spar	In 33 feet.
Montgomerys Point Buoy 11	Black; 2d-cl. spar	In 27 feet.
McCarters Point Buoy 4	Red; 3d-cl. spar	In 21 feet.
Tisaker Elbow Buoy 13	Black; 3d-cl. spar	In 18 feet.
Hospital Point Rocks Buoy 6	Red; 3d-cl. spar	In 4 feet.
St. George River Beacon	Black keg on bilge on square wooden spindle.	On west side of channel.
MUSCONGUS BAY		
New Harbor Sunken Ledges Buoy 14.	Red; 1st-cl. tall nun	In 18 feet.
Western Egg Rock Breakers Buoy 1.	Black; 1st-cl. spar	In 30 feet.
Eastern Egg Rock Bell Buoy	Black and white vertical stripes.	At west entrance to passage between Eastern Egg Rock and Egg Rock North Ledge. In 120 feet.
Eastern Egg Rock Beacon	Black; tripod; upper half horizontally slatted.	On north end of rock.
Haddock Island Kelp Ledge Buoy	Red and black horizontal bands; 1st-cl. spar.	South of ledge. In 30 feet.
Haddock Island Ledge Buoy 1	Black; 1st-cl. spar	South of ledge. In 30 feet.
Harbor Island Rock Buoy	Red and black horizontal bands; 1st-cl. spar.	Off south side of rock, and to south and west of entrance to Friendship Harbor. In 30 feet.
Garden Island South Ledge Buoy 2.	Red; 2d-cl. spar	In 24 feet.
Cow Island Sunken Ledges Buoy 3.	Black; 2d-cl. spar	In 24 feet.
Martin Point Buoy 1	Black; 1st-cl. spar	In 42 feet.
Bremen Long Island Ledge Buoy 2.	Red; 2d-cl. spar	In 24 feet.
OLD HUMP CHANNEL ACROSS		
Seal Ledges Buoy 7	Black; 2d-cl. spar	Northeast of ledge. In 24 feet.
Egg Rock North Ledge Buoy 12	Red; 2d-cl. spar	In 24 feet.
MEDUNCOOK RIVER, FRIENDSHIP HARBOR FROM EAST		
Fogler Ledge Buoy 2	Red; 1st-cl. spar	In 27 feet.
Northeast Point Reef Buoy 1	Black; 2d-cl. spar	In 24 feet.
Crotch Island Ledges Buoy 4	Red; 3d-cl. spar	On south end of ledges. In 15 feet.
Two-foot Rock Buoy 6	Red; 2d-cl. spar	Southwest of Garrison Island. In 22 feet.
Garrison Island Buoy 5	Black; 2d-cl. can	On point of shoal off northeast end of Friendship Island. In 20 feet.

Name; mark on aid	Description	Location—Depth
FRIENDSHIP HARBOR		
Jamesons Point Ledge Beacon	Black; cask on end of iron spindle.	On northwest side of entrance to harbor.
Murphy Ledge Beacon	Red; cask on bilge on iron spindle.	On southeast side of harbor, northeast part of Muscongus Sound.
PASSAGE NORTHWARD OF COW ISLAND		
Cow Island Buoy 1	Black; 3d-cl. spar	In 16 feet.
Bremen Island Buoy 4	Red; 1st-cl. spar	At west entrance to passage. In 30 feet.
FLYING PASSAGE		
Bremen Long Island Beacon	Black; cask on end on iron spindle.	On ledge off northeast point of island.
MEDOMAK RIVER [1]		
Havenner Ledge Buoy 1	Black; 1st-cl. spar	In 48 feet.
Locust Ledge Buoy 2	Red; 2d-cl. nun	In 30 feet.
Pitchers Point Buoy 3	Black; 1st-cl. spar	In 30 feet.
Flats Buoy 5	Black; 2d-cl. spar	In 24 feet.

MUSCONGUS BAY

HOCKOMOCK CHANNEL		
Middle Ledge Buoy 6	Red; 2d-cl. spar	In 24 feet.
Oar Island Ledge Buoy 9	Black; 2d-cl. spar	In 21 feet.
Northeast Point Ledges Buoy 8	Red; 2d-cl. spar	East side of Hockomock Channel into Medomak River. In 27 feet.
NEW HARBOR		
Salt Pond Ledge Bell Buoy 1	Black	0.2 mile southeast of ledge. In 132 feet.
Flat Rock Buoy 2	Red; 3d-cl. spar	In 18 feet
Halftide Ledge Beacon	Black; cask on bilge on iron spindle.	
MUSCONGUS SOUND		
Webbers Sunken Ledge Buoy 2	Red; 1st-cl. spar	In 30 feet.
Browns Head Ledge Buoy	Red and black horizontal bands; 1st-cl. spar.	South-southwest of ledge. In 27 feet.
Bar Island Ledge Buoy 4	Red; 2d-cl. spar	In 24 feet.
Polands South Ledge Buoy 1	Black; 1st-cl. spar	In 30 feet.
Polands North Ledge Buoy 3	Black; 1st-cl. spar	In 30 feet.
Harbor Ledge Buoy 5	Black; 3d-cl. spar	In 18 feet.
Ram Ledges Half Tide Buoy 5A	Black; 2d-cl. spar	Off south end of ledges. In 24 feet.
Hockomock Point Buoy 7	Black; 2d-cl. spar	In 24 feet.
Hockomock Point Buoy 7 A	Black; 2d-cl. spar	Marks rock off point. In 22 feet.

[1] Between Hollis Point and Waldoboro, necessary perches are maintained during season of navigation; number and positions subject to change.

Name; mark on aid	Description	Location—Depth
JOHNS BAY		
Pemaquid Ledge Buoy	Red and black horizontal bands; 2d-cl. tall can.	Southeast of ledge. In 36 feet.
JOHNS RIVER		
Corvette Ledge Buoy 1	Black; 2d-cl. spar	In 24 feet.
McFarlings Ledges Buoy 2	Red; 1st-cl. spar	In 30 feet.
Soldiers Cove Ledge Buoy 2	Red; 2d-cl. spar	In 21 feet.
THREAD OF LIFE		
Turnip Island Buoy 1	Black; 2d-cl. spar	240 yards southwest of Turnip Island Point. Leave on starboard hand if bound up Damariscotta River. In 27 feet.
Crow Island Ledge Buoy 2	Red; 2d-cl. spar	In 27 feet.
Hay Island Buoy 3	Black; 1st-cl. spar	Marks end of reef extending southerly from island. In 30 feet.
DAMARISCOTTA RIVER		
Outer Heron Island Ledge Buoy	Red and black horizontal bands; 1st-cl. spar.	East of ledge. In 36 feet.
Hypocrite Ledge Bell Buoy HL	Black and white vertical stripes.	Ram Island Lighthouse 90° 1,725 yards. In 147 feet.
Hypocrite Ledges Buoy 1 A	Black; 1st-cl. spar	In 27 feet.
Little River Point Buoy 1 A	Black; 1st-cl. can	Off mouth of river, west side of entrance to Damariscotta River. In 60 feet.
Inner Heron Island Ledge Buoy 2	Red; 1st-cl. spar	West of ledge, dry at low water; shoal from ledge to Heron Island. In 30 feet.
Inner Heron Island North End Buoy 4.	Red; 1st-cl. spar	In 30 feet.
East Shore Buoy 6	Red; 1st-cl. spar	In 30 feet.
Montgomery Point Buoy 1	Black; 2d-cl. spar	In 24 feet.
Western Ledge Buoy 3	Black; 2d-cl. spar	In 24 feet.
Eastern Ledge Buoy 8	Red; 2d-cl. spar	In 24 feet.
Kelsey Ledge Buoy 10	Red; 2d-cl. spar	In 24 feet.
Merry Island Beacon	Black; spherical cage on iron spindle.	
Glidden Ledge Beacon	Red; cask on end on iron spindle.	On east side of channel, 4.2 miles below Damariscotta.
Perkins Point Buoy 5	Black; 3d-cl. spar	In 16 feet.
Seal Ledge Beacon	Black; cask on bilge on iron spindle.	
Goose Ledge South Flats Buoy 12	Red; 3d-cl. spar	In 17 feet.
Little Point Shoals Buoy 7	Black; 3d-cl. spar	In 13 feet.
Norris Point Flats Buoy 14	Red; 3d-cl. spar	300 yards below point. In 9 feet.
CHRISTMAS COVE		
Fosters Point Shoal Buoy 1	Black; 1st-cl. spar	In 30 feet.
Middle Ledge Beacon	White; tripod; upper half horizontally slatted.	
North Ledge Beacon	Black; cask on end on iron spindle.	
Steamboat Wharf Beacon	Red; cask on bilge on iron spindle.	On point of rock near wharf in harbor
HYPOCRITE PASSAGE		
Hypocrite Ledge Beacon	Red; spherical cage on iron spindle.	Leave on starboard hand going west.

Name; mark on aid	Description	Location—Depth
FISHERMAN ISLAND PASSAGE		
Ram Island Ledge Buoy 1	Black; 1st-cl. can (s)	Northeast of 10-foot ledge. In 24 feet.
Gangway Ledge Buoy 2	Red; 1st-cl. nun (s)	In 30 feet.
Dictator Ledge Buoy 2 A	Red; 1st-cl. nun (s)	West of Gangway Ledge. In 30 feet.
Card Ledge Buoy 4	Red; 1st-cl. spar	In 30 feet.
DAMISCOVE HARBOR		
The Motions Buoy 1	Black; 2d-cl. can	Off end of shoal at west side of harbor entrance, south end of Damiscove Island. In 60 feet.
LINEKINS BAY		
Spruce Point Ledges South Point Buoy 1.	Black; 1st-cl. spar	In 30 feet.
Spruce Point Ledges North Point Buoy 2.	Red; 1st-cl. spar	In 30 feet.
Tibbits Ledge Buoy	Red and black horizontal bands; 2d-cl. spar.	South of ledge. In 12 feet.
Independence Island South Point Buoy 3.	Black; 2d-cl. spar	Off south point of island. In 24 feet.
Holbrook Ledge Buoy 4	Red; 2d-cl. spar	In 24 feet.
Seal Rock Buoy 5	Black; 2d-cl. spar	In 24 feet.
Perch Island Buoy 6	Red; 3d-cl. spar	In 18 feet.
Seven-Foot Shoal Buoy 7	Black; 3d-cl. spar	In 18 feet.
BOOTHBAY HARBOR		
Cuckolds Bell Buoy 1 C	Black	In 80 feet.
Squirrel Cove Beacon	Red; cask on bilge on iron spindle.	Marks rock at southwest end of Squirrel Cove; 35 feet high.
Squirrel Island Ledge Buoy 4	Red; 1st-cl. spar	Northwest of ledge. In 30 feet.
Whaleback Ledge Beacon	Black; cask on bilge on iron spindle.	Off south end of Pig Cove Island.
Burnt Island Ledge Buoy 1	Black; 2d-cl. spar	In 33 feet.
Pig Island Ledge Beacon	Black; cask on end on iron spindle.	Off east side of Pig Cove Island.
Tumbler Island Ledge Buoy 6	Red; 1st-cl. spar	In 30 feet.
McFarland Point Buoy 1 A	Black; 3d-cl. spar	In 18 feet.
McFarland Ledge Buoy 3	Black; 2d-cl. spar	East of McFarland Island. In 20 feet.
Wharf Reef Buoy 2	Red; 3d-cl. spar	Marks reef off Pierce & Hartung's Wharf. In 16 feet.
Moore Ledges Beacon 1	Black; keg on bilge on iron spindle.	Mark bare ledges at westerly side of harbor. Maintained by Robert W. Moore from May 1 to Oct. 15, each year.
Moore Ledges Beacon 2	Red; keg on end on iron spindle.	
Moore Ledges Beacon 4	Red; keg on end on iron spindle.	
TOWNSEND GUT		
Townsend Gut East Point Buoy 2	Red; 2d-cl. spar	In 21 feet.
Little Island Point Buoy 4	Red; 3d-cl. spar	In 12 feet.
Camerons Point Beacon	White; horizontally slatted tripod.	
South Powderhorn Buoy 6	Red; 3d-cl. spar	At end of ledge south of Powderhorn Island. In 18 feet.

Name; mark on aid	Description	Location—Depth
SHEEPSCOT BAY		
Bantam Rock Buoy 2	Red; 1st-cl. tall nun	Southwest of dry part of ledge. In 40 feet.
Tom Rock Buoy 2	Red; 1st-cl. nun	South-southwest of outer rock. Leave on starboard hand entering Kennebec River and on port hand if bound to Sheepscot River. In 42 feet.
The Sisters Beacon	Black; triangular pyramidal structure; upper half horizontally slatted.	On westernmost ledge.
Sloop Ledge Buoy 1	Black; 1st-cl. spar	35 yards south of ledge. In 30 feet.
Griffiths Head Ledge Buoy	Red and black horizontal bands; 2d-cl. nun.	South-southwest of ledge. In 30 feet.
Cat Ledges Buoy 2 CL	Red; 1st-cl. spar	In 30 feet.
Nicks Ledge Beacon	Red; cask on end on iron spindle.	
Petes Rock Buoy 1	Black; 3d-cl. spar	Near south end of Little David Island maintained by Southport Yacht Club. In 8 feet.
Marrs Ledge Beacon	Black; keg on bilge on iron spindle.	Off south end of David Island. 13 feet high. Maintained by Southport Yacht Club.
Hendricks Head Buoy 2 A	Red; 1st-cl. nun (s)	150 yards 248° from Hendricks Head Beacon. In 54 feet.
Hendricks Head Beacon	White square tower	On east side of mouth of Sheepscot River. 43 feet high.
Bull Ledge Buoy	Red and black horizontal bands; 1st-cl. spar.	South of ledge. In 30 feet.
Hardings Ledge Buoy 4	Red; 2d-cl. nun	In 24 feet.
SHEEPSCOT RIVER		
Middle Ledge Buoy	Red and black horizontal bands; 2d-cl. spar.	South of ledge. In 22 feet.
Clous Ledge Beacon	Black; spherical cage on iron spindle.	
Clous Ledge Bell Buoy 1	Black	Guide to Goose Rocks Passage. In 18 feet.
Powderhorn Ledge Buoy 8	Red; 1st-cl. spar	In 30 feet.
Four-Foot Rock Buoy	Red and black horizontal bands; 1st-cl. spar.	South of ledge. In 30 feet.
Hodgdon Ledge Buoy 3	Black; 1st-cl. can (s)	In 30 feet.
Stover Ledge Buoy 12	Red; 1st-cl. spar	In 30 feet.
Greenleaf Ledge Buoy 5	Black; 1st-cl. can (s)	In 30 feet.
Merrill Ledge Beacon	Red; cask on end on wooden spindle.	On south point of ledge.
Merrill Ledge North End Buoy 14	Red; 2d-cl. spar	In 27 feet.
Hilton Point Buoy 5 B	Black; 1st-cl. can (s)	On point of shoal extending north from point. In 33 feet.
Cloughs Point Buoy 5 A	Black; 2d-cl. can	In 30 feet.
Seal Rock Buoy 7	Black; 3d-cl. spar	In 12 feet
Middle Ground Buoy 16	Red; 3d-cl. spar	In 15 feet.
FIVE-ISLANDS HARBOR		
Five-Islands Ledge Buoy	Red and black horizontal bands; 3d-cl. spar.	In 13 feet.

Name; mark on aid	Description	Location—Depth
EBENECOOK HARBOR		
Ebenecook Buoy 1	Black; 3d-cl. spar	In 14 feet.
PASSAGE NORTHWARD OF SWEET ISLAND		
Sweet Island Beacon	Black; cask on bilge on iron spindle.	On ledge off north end of island.
Ram Island Beacon	White cask on end, on black iron spindle.	On ledge northeast from island.
Ram Island Ledge Buoy 1	Black; 3d-cl. spar	In 14 feet.
Barter Island Buoy 10	Red; 1st-cl. spar	In 30 feet.
LITTLE SHEEPSCOT RIVER		
Crow Island Ledge Beacon	White cask on end, on red iron spindle.	West side of island.
McMahans Ledge Buoy 2	Red; 2d-cl. spar	In 24 feet.
Six-Foot Rock Buoy 3	Black; 2d-cl. spar	Off northwest point of McMahans Island. Pass on starboard hand. In 24 feet.
GOOSE ROCK PASSAGE		
McMahans Island Ledge Beacon.	Black; spherical cage on iron spindle.	Marks ledge off North East Point, northeast end of island.
Boiler Rock Buoy 2	Red; 1st-cl. nun (s)	In 24 feet.
SASANOA RIVER		
Blacksmith Shop Ledge Beacon	Black; cask on end, on iron spindle.	
The Boilers Beacon	Red; cask on bilge, on iron spindle.	
Bareneck Ledge Buoy 5	Black; 1st-cl. can (s)	In 39 feet.
Castle Island Buoy 7	Black; 1st-cl. spar	North of Island, Hockomock Bay. In 30 feet.
Berry Island Buoy 7 A	Black; 2d-cl. spar	In 21 feet.
Berry Island Flats Buoy 4	Red; 3d-cl. spar	In 12 feet.
Marsh Island Flats Buoy 9	Black; 3d-cl. spar	In 12 feet.
Cunner Rock Buoy 11	Black; 3d-cl. spar	In 12 feet.
Tom-Cod Rock Buoy 13	Black; 3d-cl. spar	In 12 feet.
Mill Point Buoy 15	Black; 3d-cl. spar	In 12 feet.
East Ledge Buoy 6	Red; 3d-cl. spar	In 12 feet.
Swetts Point Beacon	Black; cask on bilge on iron spindle.	
Halftide Ledge Buoy 8	Red; 3d-cl. spar	In 12 feet.
Lime Rock Beacon	Black; cask on end on iron spindle.	
Hell Gate First Buoy 21	Black; 3d-cl. spar	In 18 feet.
Hell Gate Second Buoy 23	Black; 3d-cl. spar	In 12 feet.
Hell Gate Third Buoy 25	Black; 3d-cl. spar	In 15 feet.
Carleton Ledge Buoy 10	Red; 3d-cl. spar	In 14 feet.
Castle Island Flats Buoy 27	Black; 3d-cl. spar	In 14 feet.
Channel South End Buoy 12	Red; 3d-cl. spar	In 10 feet.
Carleton Ledges Beacon	Red; cask on end on iron spindle.	

Name; mark on aid	Description	Location—Depth
SASANOA RIVER		
Carleton Ledges Jetty Beacon	White; cask on end on wooden spindle.	On outer end of jetty opposite ledges.
Channel North End Buoy 14	Red; 3d-cl. spar	In 10 feet.
Carleton Point Buoy 16	Red; 3d-cl. spar	In 12 feet.
Carleton Point Channel Buoy 29	Black; 3d-cl. spar	In 15 feet.
Preble Point Buoy 31	Black; 3d-cl. spar	In 8 feet.
Bridge Buoy 33	Black; 3d-cl. spar	0.2 mile from draw. In 8 feet.
Read Island Buoy 18	Red; 3d-cl. spar	0.2 mile east of bridge draw. In 14 feet.
MONTSWEAG BAY		
Perch 2	Red; keg on end on perch.	
Perch 4	Red; keg on end on perch.	Abreast Bluff Head.
Perch 6	Red; keg on end on perch.	Abreast Pine Island.
Perch 8	Red; keg on end on perch.	
Perch 1	Black; keg on bilge on perch.	Off southeast point of Oak Island.
Perch 3	Black; keg on bilge on perch.	At bend of channel off Oak Island.
Perch 5	Black; keg on bilge on perch.	Off Oak Island.
Perch 10	Red; keg on end on perch.	450 yards southerly of Halftide Rock.
Perch 12	Red; keg on end on perch.	450 yards northeasterly of Halftide Rock.
Perch 14	Red; keg on end on perch.	Abreast entrance to Chewonki Creek.
Montsweag Bay Buoy 1	Black; 3d-cl. spar	Off south end Long Ledge. In 7 feet.
BACK RIVER		
Perch 16	Red; keg on end on perch.	
Buoy 2	Red; 3d-cl. spar	Off south end Berry Island. In 7 feet.
COWSEAGAN NARROWS		
Buoy 4	Red; 3d-cl. spar	Off north end Berry Island. In 7 feet.
Perch 18	Red; keg on end on perch.	Abreast northerly part Cushman Point.
Cushman Point Ledge Perch 9	Black; keg on bilge on perch.	On north end of ledge.
KENNEBEC RIVER		
White Ledge Buoy 1	Black; 1st-cl. can	In 51 feet.
Jackknife Ledge Buoy 1 JK	Black; 2d-cl. tall can	In 36 feet.
Pond Island Bar Bell Buoy 3 PI	Black	On southeast point of bar. In 24 feet.
Four-Fathom Rock Buoy 2 A	Red; 2d-cl. tall nun	On west side of rock. In 54 feet.
Pond Island Rock Buoy	Red and black horizontal bands; 2d-cl. tall nun.	South of rock. In 16 feet.
Jack Rock Beacon	Black; spherical cage on iron spindle.	Near top of ledge, west side of east channel of mouth of river.
Shag Rock Beacon	White; triangular, pyramidal structure; upper half horizontally slatted.	

Name; mark on aid	Description	Location—Depth
Dix Island Ledge Buoy 1	Black; 1st-cl. can (s)	Off north end of island. In 60 feet.
Perkins Island South Ledge Buoy 2.	Red; 2d-cl. tall nun	West side of ledge. In 30 feet.
Perkins Island North Ledge Buoy 1 A.	Black; 2d-cl. tall can	Southeast of ledge. In 24 feet.
Parkers Flats Buoy 1 B	Black; 1st-cl. can (s)	On shoal making off flats. In 18 feet.
Back River Buoy 2	Red; 2d-cl. nun (s)	At entrance to Back River. In 40 feet.
Seal Rocks Buoy 1 C	Black; 1st-cl. can (s)	In 30 feet.
Lees Island Rock Buoy 3	Black; 1st-cl. can (s)	In 18 feet.
Pettis Rocks Beacon	Black; cask on bilge on iron spindle.	
Ram Island Tripod	White; upper half horizontally slatted.	On north end of island.
Indian Point Beacon	White; triangular, pyramidal, horizontally slatted structure.	On rocks, south end of point.
Seven-Foot Rock Buoy 3 A	Black; 1st-cl. can (s)	550 yards 15° from Indian Point Beacon. In 30 feet.
Lithgow Rock Buoy 5	Black; 1st-cl. can (s)	Just below Fiddlers Reach. In 18 feet.
Fiddlers Ledge Buoy 7	Black; 1st-cl. can (s)	In 27 feet.
Hospital Point Buoy 9	Black; 2d-cl. tall can	In 39 feet.
Seventeen-foot Rock Buoy	Red and black horizontal bands; 1st-cl. nun (s).	400 yards 310½° from Doubling Point Lighthouse. In 24 feet.
Lincoln Ledge Buoy 11	Black; 1st-cl. can (s)	In 18 feet.
Trufant Ledges Buoy 13	Black; 1st-cl. can (s)	In 42 feet.
Bath Shoal Buoy 13 A	Black; 2d-cl. can (s)	500 yards 10° from southeast corner of Customhouse, at Bath. In 30 feet.
Winslow Rock Buoy	Red and black horizontal bands; 2d-cl. tall nun.	South of rock. In 42 feet.
Winslow Rock East Side Buoy 15	Black; 1st-cl. can (s)	In 18 feet.
Stetson Rocks East Side Buoy 17	Black; 1st-cl. can (s)	In 12 feet.
Stetson Rocks Buoy	Red and black horizontal bands; 1st-cl. can (s).	In 54 feet.
Woolwich Point Buoy 6	Red; 1st-cl. nun (s)	In 12 feet.
Thorne Island Ledge Buoy 8	Red; 2d-cl. nun (s)	In 15 feet.
Wood Island Rock Buoy 19	Black; 2d-cl. can (s)	In 10 feet.
Grace Rock Buoy 10	Red; 1st-cl. nun (s)	In 9 feet.
The Chops Buoy 21	Black; 2d-cl. can (s)	In 22 feet.
Bowdoinham Channel Buoy 23	Black; 2d-cl. can (s)	At south point of flats, making south from Abagadasset Point. In 15 feet.
Trotts Rock Buoy 12	Red; 1st-cl. nun (s)	In 6 feet.
Range: Abagadasset Point Front Beacon.	White triangular slatted daymark on post.	On edge of bank, opposite point. 25 feet high.
Range: Abagadasset Point Rear Beacon.	White; square slatted daymark with black vertical stripe on post.	245 yards 160° from preceding. 56 feet high.
Abagadasset Rock Buoy 25	Black; 2d-cl. can (s)	Marks 11-foot rock. In 11 feet.

Name; mark on aid	Description	Location—Depth
Elbow Buoy 14	Red; 3d-cl. nun (s)	In 15 feet.
Twings Point Ledge Buoy 27	Black; 2d-cl. can (s)	In 15 feet.
Swan Island Flats Buoy	Red and black horizontal bands; 3d-cl. can (s).	At point of flats south of island. In 9 feet.
Swan Island East Channel Buoy 29.	Black; 2d-cl. can (s)	In 8 feet.
Ames Ledge Beacon	White cask on bilge on red spindle.	Entrance to channel eastward of Swan Island. 18 feet high.
Ames Ledge Buoy 16	Red; 2d-cl. nun (s)	In 21 feet.
Swan Island East Channel Buoy 18.	Red; 3d-cl. nun (s)	In 8 feet.
Swan Island East Channel Buoy 20.	Red; 3d-cl. nun (s)	In 12 feet.
Beef Rock Beacon	Red; cask on end on wooden spindle.	Removed in winter.
Swan Island East Channel Buoy 29 A.	Black; 2d-cl. can (s)	In 18 feet.
Little Swan Island Flats Buoy 31	Black; 2d-cl. can (s)	In 16 feet.
Swan Island Rock Buoy 31 A	Black; 2d-cl. can (s)	265 yards 206° from Stearns Point wharf. In 18 feet
Swan Island Jetty Buoy 33	Black; 2d-cl. can (s)	In 12 feet.
Modoc Channel Buoy 33 B	Black; 2d-cl. can (s)	In 18 feet.
Hathorn Rock Buoy	Red and black horizontal bands; 3d-cl. can (s).	Above junction of channels above Swan Island, near ledge. In 7 feet.
Indian Point Channel Buoy 22	Red; 3d-cl. nun (s)	In 13 feet.
Indian Point Channel Buoy 24	Red; 3d-cl. nun (s)	In 18 feet.
Upper Sands Channel Buoy 26	Red; 3d-cl. nun (s)	At elbow of dredged channel. In 7 feet.
Upper Sands Channel Buoy 28	Red; 3d-cl. nun (s)	In 10 feet.
Hills Ledge Buoy 30	Red; 3d-cl. nun (s)	In 15 feet.
Green Ledge East Buoy 32	Red; 3d-cl. nun (s)	In 7 feet.
Green Ledge West Buoy 35	Black; 2d-cl. can (s)	In 7 feet.
Tarbox Channel Buoy 35 A	Black; 2d-cl. can (s)	At elbow of dredged channel. In 13 feet.
Tarbox Channel Buoy 35 B	Black; 3d-cl. can (s)	At elbow of dredged channel. In 13 feet.
Browns Island Ledge Buoy 37	Black; 3d-cl. can (s)	In 6 feet.
The Piers Buoy 39	Black; 3d-cl. can (s)	Northeast from pier. In 6 feet
Hinkley Shoal Buoy 41	Black; 3d-cl. can (s)	In 7 feet.
First Buoy 43	Black; 3d-cl. can (s)	At lower end of Irish Channel. In 6 feet.
Second Buoy 45	Black; 3d-cl. can (s)	In 6 feet.
Third Buoy 47	Black: 3d-cl. can (s)	In 6 feet.
Fourth Buoy 49	Black; 3d-cl. can (s)	At upper end of Irish Channel. In 6 feet.
Fifth Buoy 51	Black; 3d-cl. can (s)	At lower end of Government Channel. In 6 feet.
Sixth Buoy 53	Black; 3d-cl. can (s)	In 6 feet.
Seventh Buoy 55	Black; 3d-cl. can (s)	In 6 feet.
Eighth Buoy 34	Red; 3d-cl. nun (s)	At upper end of Government Channel. In 6 feet.

Name; mark on aid	Description	Location—Depth
Britts Shoal North End Buoy 36	Red; 3d-cl. nun (s)	In 12 feet.
Britts Shoal Lower End Buoy 57	Black; 3d-cl. can (s)	In 5 feet.
Britts Shoal Upper End Buoy 59	Black; 3d-cl. can (s)	In 5 feet.
Arsenal Shoal South End Buoy 38	Red; 3d-cl. nun (s)	West from Arsenal Wharf, opposite Augusta. In 10 feet.
SWAN ISLAND CHANNEL		
Ballast Rock Buoy 1	Black; 3d-cl. spar	In 5 feet.
Pork Point Rock Buoy 2	Red; 3d-cl. spar	In 5 feet.
Lower Shoal Channel Buoy 3	Black; 3d-cl. spar	At elbow of dredged channel. In 12 feet.
Lower Shoal Channel Buoy 5	Black; 3d-cl. spar	At upper end of dredged channel. In 12 feet.
Stipninins Channel Buoy 4	Red; 3d-cl. spar	In 15 feet.
Theobalds Channel Buoy 7	Black; 3d-cl. spar	In 12 feet.
Theobalds Channel Buoy 9	Black; 3d-cl. spar	At elbow of dredged channel. In 12 feet.
Theobalds Channel Buoy 11	Black; 3d-cl. spar	At upper end of dredged channel. In 12 feet.
Coopers Place Shoal Channel Buoy 13.	Black; 3d-cl. spar	In 12 feet.
Coopers Place Shoal Channel Buoy 15.	Black; 3d-cl. spar	At elbos of dredged channel. In 9 feet.
Hatch Rock Buoy 6	Red; 3d-cl. spar	In 6 feet.
Jetty Channel Buoy 8	Red; 3d-cl. spar	At elbow of dredged channel, just below jetty. In 12 feet.
Point Channel Buoy 10	Red; 3d-cl. spar	Opposite lower end of Clay Cove. In 12 feet.
Wharf Rock Buoy 17	Black; 3d-cl. spar	In 6 feet.
Southards Wharf Buoy 12	Red; 3d-cl. spar	Marks ledge just below wharf. In 14 feet.
Bradstreet Ledge Beacon	Black; keg on end on woodenspindle; removed in winter.	On south end of ledge.

CASCO BAY

GREEN ISLAND AND WHITEHEAD PASSAGES		
Webster Rock Buoy 1	Black; 1st-cl. spar	In 30 feet.
Eastern Drunker Ledge Buoy 2	Red; 1st-cl. spar	West-southwest of ledge. In 30 feet.
Western Drunker Ledge Beacon	Red and black; spherical cage on iron spindle.	
Green Island Reef Buoy 4	Red; 2d-cl. tall nun	In 30 feet.
Johnson Rock Buoy 3	Black; 1st-cl. spar	Northwest of rock. In 27 feet.
The Hussey Buoy	Red and black; horizontal bands; 2d-cl. can.	In 48 feet.
Ram Island Shoal Buoy 5	Black; 1st-cl. spar	In 30 feet.
Whitehead Ledge Beacon	Black; wheel on iron spindle.	
Troots Rock Beacon	Red; wheel, with pendants, on iron spindle.	

Name; mark on aid	Description	Location—Depth
GREEN ISLAND AND WHITEHEAD PASSAGES		
Kelp Ledge Buoy 6	Red; 2d-cl. spar	In 20 feet.
Pumpkin Nob Ledge Bell Buoy 8	Red. Red reflector	At end of ledge making off southwest point of Peaks Island north side of inner end of Whitehead Passage into Portland Harbor. In 25 feet.
SMALL POINT HARBOR		
Bald Head Ledge Beacon	Red; wheel on iron spindle	
Gooseberry Island Ledge Buoy 2	Red; 1st-cl. spar	In 30 feet.
Wymans Ledge Buoy 1	Black; 1st-cl. spar	In 24 feet.
Wood Island South Ledge Buoy	Red and black; horizontal bands; 1st-cl. spar.	0.3 mile south of island. In 32 feet.
Middle Ledge Buoy	Red and black horizontal bands; 2d-cl. spar.	Southwest of ledge. In 24 feet.
Pitch Pine Ledges Buoy 4	Red; 2 d-cl. spar	In 24 feet.
CARRYING PLACE COVE		
Carrying Place Head Buoy 1	Black; 1st-cl. spar	In 30 feet.
NEW MEADOWS RIVER		
Jamison Ledge Beacon	Black; spherical cage on iron spindle.	On southwest end of ledge.
Goudy Ledge Beacon	Red and black; spherical cage on iron spindle.	South of ledge.
North Jenny Ledge Buoy	Red and black horizontal bands; 1st-cl. spar.	Off south end of ledge, at entrance to Ridleys Cove and New Meadows River. In 39 feet.
Rogue Island South Buoy 1	Black; 1st-cl. spar	In 39 feet.
Cedar Ledges Buoy 3	Black; 2d-cl. spar	In 27 feet.
Bear Island Ledges Buoy 2	Red; 1st-cl. spar	In 30 feet.
Sheep Island Ledge Buoy 5	Black; 1st-cl. spar	In 30 feet.
Bragdons Rock Beacon	Red; cask on end on iron spindle.	
Bombazine Island Buoy 7	Black; 2d-cl. spar	In 30 feet.
Middle Ground South End Buoy 4.	Red; 3d-cl. spar	In 12 feet.
Woodwards Flats Buoy 9	Black; 3d-cl. spar	In 12 feet.
Middle Ground North End Buoy 6.	Red; 3d-cl. spar	In 12 feet.
BURNT COAT ISLAND HARBOR		
Burnt Coat Island South Point Buoy 1.	Black; 2d-cl. spar	In 24 feet.
Eastern Rock Buoy 2	Red; 3d-cl. spar	In 15 feet.
Burnt Coat Island North Point Buoy 3.	Black; 2d-cl. spar	In 18 feet.
SEBASCO HARBOR		
Horse Island Point Buoy 1	Black; 1st-cl. spar	In 30 feet.
EAST OF MALAGA ISLAND		
Malaga Island South End Buoy 1	Black; 2d-cl. spar	In 27 feet.
Malaga Island Buoy 3	Black; 3d-cl. spar	Marks turn in channel inside of island. In 18 feet.

Name; mark on aid	Description	Location—Depth
QUOHOG BAY APPROACH		
Ballaststone Ledge Buoy 2	Red; 1st-cl. spar	At south end of reef south of main ledge In 30 feet.
Yarmouth Ledges Buoy 4	Red; 1st-cl. spar	260 yards north of east Elm Island. In 33 feet.
THE GURNET		
EAST ENTRANCE		
Oak Island Buoy 6	Red; 2d-cl. spar	In 27 feet.
SOUTH APPROACH		
Jaquish Island Bell Buoy 2	Red	0.4 mile south of island. In 60 feet.
Charity Ledge Buoy	Red and black horizontal bands; 1st-cl. spar.	In 36 feet.
Middle Ground Buoy 2	Red; 1st-cl. spar	In 33 feet.
Littlejohns Rock Buoy 4	Red; 1st-cl. spar	In 35 feet.
MARK ISLAND PASSAGE		
Turnip Island Ledge Buoy 2	Red; 1st-cl. spar	In 24 feet.
Mark Island Ledge Buoy 1	Black; 2d-cl. spar	North side of ledge. In 24 feet.
Haskell Island Buoy 4	Red; 2d-cl. spar	In 27 feet.
Haddock Rock Buoy 3	Black; 1st-cl. spar	In 30 feet.
MERRICONEAG AND HARPSWELL SOUNDS		
Interval Shoal Buoy 3	Black; 1st-cl. spar	In 30 feet.
Cox Ledge Beacon	Red; cask on end on iron spindle.	
Cox Ledge Buoy 4	Red, 2d-cl. spar	In 24 feet.
Stovers Point Shoal Buoy 5	Black; 2d-cl. spar	In 24 feet.
Merriman Ledges Buoy 7	Black; 1st-cl. spar	In 33 feet.
POTTS CHANNEL		
Ram Island Point Buoy 2	Red; 1st-cl. nun	0.3 mile southwest from island. In 18 feet.
Haskell Island Reef Buoy 1	Black; 2d-cl. can	In 12 feet.
Potts Point Ledge Buoy 4	Red; 2d-cl. nun	In 18 feet.
Potts Point Ledge Buoy 1 A	Black; 3d-cl. spar	In 15 feet.
Northwest Ledge Buoy 3	Black; 2d-cl. can	In 18 feet.
Torrys Rock Buoy 5	Black; 2d-cl. spar	In 18 feet.
South Harpswell Barrel Buoy	Red; barrel	Marks turning point for steamers leaving South Harpswell for Potts Narrows. Maintained by Casco Bay Lines. In 18 feet.
Thrumcap Ledge Buoy 7	Black; 2d-cl. spar	In 18 feet.
Little Birch Island Point Bell Buoy 6.	Red	Southwest of point. In 30 feet.
Upper Flag Island Shoal Buoy	Red and black horizontal bands; 1st-cl. spar.	Southwest of shoal. In 36 feet.
Stave Island Ledge Buoy 5	Black; 1st-cl. can (s)	In 24 feet.
Stockman Island Beacon	Red; tripod, upper half horizontally slatted.	

Name; mark on aid	Description	Location—Depth
POTTS CHANNEL		
Goose Nest Buoy 8	Red; 1st-cl. spar	In 27 feet.
Crow Island Point Buoy 9	Black; 2d-cl. spar	In 18 feet.
MIDDLE BAY		
Birch Island Ledge Buoy 8	Red; 2d-cl. spar	In 24 feet.
Goose Ledge Buoy	Red and black horizontal bands; 1st-cl. spar.	Southwest of ledge. In 27 feet.
Brannings Ledge Buoy 7	Black; 2d-cl. spar	In 21 feet.
The Lookout Buoy 10	Red; 2d-cl. spar	In 24 feet.
Wilson Ledge Buoy 12	Red; 2d-cl. spar	In 24 feet.
Scrag Island Channel Buoy 14	Red; 3d-cl. spar	In 10 feet.
BROAD SOUND TO FREEPORT RIVER		
Broad Sound Entrance Bell Buoy	Black and white vertical stripes.	In 165 feet.
Whaleboat Ledge Buoy	Red and black; 2d-cl. spar.	In 24 feet.
Little Whaleboat Ledge Buoy 2	Red; 1st-cl. spar	In 49 feet.
Uncle Jacks Ledge Buoy 1	Black; 2d-cl. spar	Near northeast end of Great Chebeag Island. In 16 feet.
Chebeag Point Ledge Buoy 3	Black; 2d-cl. spar	In 18 feet.
Green Island Ledge Buoy 4	Red; 2d-cl. spar	In 18 feet.
Mosher Ledge Buoy	Red and black horizontal bands; 2d-cl. spar.	East of ledge. In 30 feet.
Crab Island Ledge Buoy 1	Black; 2d-cl. spar	In 24 feet.
Googins Ledge Buoy 2 G	Red; 3d-cl. spar	On east side of entrance to river. In 14 feet.
Bowman Island Ledge Buoy 2	Red; 3d-cl. spar	South of ledge. In 18 feet.
Bowman Island Buoy 1 A	Black; 3d-cl. spar	In 14 feet.
Freeport Upper Ledge Buoy 3	Black; 3d-cl. spar	In 18 feet.
Half-Tide Ledge Buoy 5	Black; 3d-cl. spar	In 12 feet.
LUCKSE SOUND		
Johns Rock Buoy 4	Red; 2d-cl. nun	Off southwest end of Crotch Island. In 39 feet.
Hope Island Buoy 2	Red; 2d-cl. nun	Off southwest end of island. In 45 feet.
Deer Point Rock Buoy	Red and black horizontal bands; 2d-cl. spar.	Southeast of rock. In 24 feet.
Deer Point Bell Buoy 4 A	Red; red reflector	About 100 yards off Deer Point. In 25 feet.
Rogues Island Northeast Buoy 1	Black; 2d-cl. spar	In 24 feet.
Sand Island Buoy 6	Red; 3d-cl. spar	In 18 feet.
Sand Point Buoy 8	Red; 1st-cl. nun (s)	In 30 feet.
Sand Island Ledge Buoy 7	Black; 1st-cl. can (s)	In 24 feet.
CHANDLER COVE		
Crow Island Ledge Buoy 7	Black; 1st-cl. can (s). White reflector.	In 33 feet.
Cove Buoy 9	Black; 2d-cl. can	Off northwest end of Long Island. In 26 feet.

Name; mark on aid	Description	Location—Depth
CHEBEAG NARROWS		
Little Chebeag Island Point Buoy 10.	Red; 1st-cl. spar	In 30 feet.
Channel Rock Buoy 12	Red; 1st-cl. spar	In 30 feet.
Mariners Ledge Buoy 9	Black; 2d-cl. can (s)	In 30 feet.
Ponce Ledge Buoy 11	Black; 1st-cl. can (s)	In 18 feet.
HUSSEY SOUND		
Eastern Point Breaker Buoy 1	Black; 1st-cl. spar	In 27 feet.
Pumpkin Nob Buoy 11 A	Black; 2d-cl. can	In 57 feet.
DIAMOND COVE		
Diamond Cove Bell Buoy 1	Black. White reflector	Marks entrance to cove from southwest ward. In 23 feet.
DIAMOND ISLANDS PASSAGES		
Lobster Rock Buoy 13	Black; 2d-cl. can (s)	In 15 feet.
Little Diamond Island Beacon	White; pyramidal tower	On east part of island.
Peaks Island Shoal Buoy 15	Black; 2d-cl. can (s)	In 14 feet.
Little Diamond Southeast Shoal Buoy 12.	Red; 3d-cl. spar	In 17 feet.
House Island Buoy 1	Black; 1st-cl. can (s)	In 33 feet.
Little Diamond Island Point Buoy 14.	Red; 1st-cl. nun (s)	In 33 feet.
Brooklyn Ledge Buoy 16	Red; 1st-cl. nun (s)	In 34 feet.
PORTLAND TO YARMOUTH		
Diamond Island Ledge Buoy 2	Red; 3d-cl. spar	In 18 feet.
Brimstone Point Ledge Buoy 4	Red; 3d-cl. spar	In 18 feet.
The Brothers Buoy 1	Black; 3d-cl. can	0.2 mile off The Brothers. In 18 feet.
Lower Clapboard Island Ledge Buoy 6 A.	Red; 1st-cl. spar	West of ledge. In 36 feet.
Brant Ledge Buoy 3	Black; 3d-cl. spar	0.2 mile northeast from Prince Point, and 50 yards northeast from ledge. In 12 feet.
York Ledge Buoy 5	Black; 2d-cl. spar	In 16 feet.
Underwood Ledge Buoy 7	Black; 2d-cl. spar	In 16 feet.
Upper Clapboard Island Ledge Buoy 8.	Red; 1st-cl. spar	West side of ledge. In 36 feet.
Sandy Point Ledges Buoy 10	Red; 2d-cl. spar	In 24 feet.
PORTLAND TO MARE POINT		
Diamond Cove Ledge Buoy 6	Red; 3d-cl. spar	Near ledge, north of northeast point of Great Diamond Island. In 18 feet.
Basket Island Lower Ledge Beacon.	Black; spherical cage on iron spindle.	
Basket Island Upper Ledge Beacon.	Black; spherical cage on iron spindle.	
Seal Ledge Buoy 2	Red; 3d-cl. spar	In 12 feet.
Chebeag Bar Buoy 4	Red; 2d-cl. spar	In 18 feet.
Mare Point Rock Buoy 6	Red; 2d-cl. spar	East side of entrance to Maquoit Bay. In 24 feet.

Name; mark on aid	Description	Location—Depth
PORTLAND HARBOR		
Cushing Island Bell Buoy 2 CI	Red	0.1 mile south of southwest point of Cushing Island. In 60 feet.
Cushing Island Ledge Buoy 4	Red; 2d-cl. spar	In 24 feet.
Cushing Island North Point Buoy 6.	Red; 2d-cl. spar	In 18 feet.
Mill Rock Buoy 1	Black; 2d-cl. spar	In 18 feet.
Anchorage Buoy A	White; 1st-cl. spar	In 42 feet. Maintained by city of Portland.
Anchorage Buoy B	White; 1st-cl. spar	In 30 feet. Maintained by city of Portland.
Anchorage Buoy C	White; 1st-cl. spar	In 30 feet. Maintained by city of Portland.
Anchorage Buoy E	White; 1st-cl. spar	In 30 feet. Maintained by city of Portland.
Anchorage Buoy F	White; 1st-cl. spar	In 30 feet. Maintained by city of Portland.
Lighthouse Channel Buoy 1	Black; 2d-cl. can (s)	1,600 yards 239° from Portland Breakwater Lighthouse. In 17 feet.
Lighthouse Channel Buoy 2	Red; 2d-cl. nun (s)	1,675 yards 239° from Portland Breakwater Lighthouse. In 16 feet.
Lighthouse Channel Buoy 3	Black; 2d-cl. can (s)	1,600 yards 231½° from Portland Breakwater Lighthouse. In 17 feet.
Lighthouse Channel Buoy 4	Red; 2d-cl. nun (s)	1,650 yards 231½° from Portland Breakwater Lighthouse. In 16 feet.
SOUTHEAST APPROACH		
East Hue-and-Cry Rock Buoy 1	Black; 1st-cl. tall can	East-southeast of ledge. In 60 feet.
Alden Rock Buoy 2 AR	Red; 1st-cl. nun	0.3 mile southwest of rock. In 36 feet.
Corwin Rock Bell Buoy 3	Black	Southeast of rock. In 48 feet.
Broad Cove Rock Buoy 5 BC	Black; 1st-cl. tall can	In 60 feet.
Pine Tree Ledge Whistle Buoy P	Red and black horizontal bands.	In 42 feet.
BY CAPE ELIZABETH		
Watts Ledge Buoy 1	Black; 2d-cl. can	1.7 miles 195° from Cape Elizabeth Lighthouse. In 66 feet.
Old Anthony Rock Buoy OA	Red and black horizontal bands; 2d-cl. tall can.	Southeast of rock. In 48 feet.
Seal Rocks Buoy 1	Black; 3d-cl. spar	In 20 feet.
Taylor Reef Buoy 1 TR	Black; 2d-cl. tall can	In 48 feet.
Fort Preble Channel East Buoy 1	Black; 2d-cl. can (s)	In 13 feet.
Fort Preble Channel West Buoy 2	Red; 2d-cl. nun (s)	In 13 feet.
BACK COVE		
First Buoy 1	Black; 3d-cl. spar	North-northeast of Pomroy Rock. In 18 feet.
Second Buoy 3	Black; 3d-cl. spar	0.4 mile north-northwest of Pomroy Rock. In 12 feet.
Third Buoy 2	Red; 3d-cl. spar	On north side of channel. In 15 feet.

SEACOAST

Cape Porpoise Whistle Buoy 2 CP.	Red; conical	Off entrance to Cape Porpoise Harbor. In 157 feet.
Bibb Rock Buoy	Red and black horizontal bands 1st-cl. spar.	Seaward of rock, and 6.9 miles 15° from Cape Neddick Lighthouse. In 30 feet.
Boon Island Beacon	Black; cask on end on iron spindle.	On ledge making off from island, 250 yards 268° from lighthouse.

Name; mark on aid	Description	Location—Depth
York Ledge Beacon	Red and black; spherical iron cage on iron spindle.	On southwest end of ledge.
York Ledge Whistle Buoy 24 YL.	Red; conical	1.4 miles 145° from York Ledge Beacon. In 126 feet.
Stones Rock Beacon	Black; spherical cage on iron spindle.	On east part of ledge.
Murray Rock Buoy	Red and black horizontal bands; 2d-cl. tall nun.	South-southeast of ledge. In 60 feet.
West Sister Buoy 2	Red; 2d-cl. tall nun	In 30 feet.
Kitts Rocks Whistle Buoy 2 KR	Red; conical	In 36 feet.
Gunboat Shoal Bell Buoy 1	Black	Off northeast point of shoal. In 55 feet.
Foss Ledges Buoy 1A	Black; 2d-cl. can	Marks east end of ledges, off Concord Point. In 42 feet.
White Island Whistle Buoy WI	Black and white vertical stripes; conical.	In 162 feet.
RICHMONDS ISLAND HARBOR		
Old Proprietor Buoy 1	Black: 1st cl. spar	In 30 feet.
Chimney Rock Buoy 3	Black; 1st-cl. spar	In 30 feet.
SACO BAY		
Old Orchard Ledges Buoy 2	Red; 2d-cl. spar	In 18 feet.
SACO RIVER		
Saco River Bell Buoy	Black and white vertical stripes.	In 33 feet.
Negro Island Ledge Buoy 1	Black; 1st-cl. spar	In 30 feet.
Ram Island Ledge Buoy 2	Red; 1st-cl. spar	In 30 feet.
Stage Island Shoal Buoy 3	Black; 2d-cl. spar	Marks northeast point of shoal. Leave on starboard hand when bound into Wood Island Harbor from east. In 18 feet.
Stage Island Monument	White; conical stone tower.	
Sharps Rocks Buoy 6	Red; 2d-cl. spar	In 20 feet.
Lower Bar Buoy	Black and white vertical stripes; 3d-cl. spar.	Shifted as channel changes. In 3 feet.
Middle Bar Buoy 8	Red; 3d-cl. spar	In 4 feet.
Jetty Buoy 10	Red; 3d-cl. spar	In 7 feet.
Cow Island Ledge Beacon	Black; oval cage on iron spindle.	
WOOD ISLAND HARBOR		
Dansbury Reef Buoy 2	Red; 1st-cl. spar	In 30 feet.
Washmans Rock Beacon	Black; cask on bilge on iron spindle.	On rock off east end of Fletchers Neck.
Philip Rock Beacon	Black; two spherical cages on iron spindle.	On rock.
Negro Island Bar Buoy 4	Red; 3d-cl. spar	On point of bar. In 14 feet.
Little Lobster Rock Buoy 1	Black; 3d-cl. spar	In 12 feet.
Halftide Rock Beacon	Black; spherical cage on iron spindle.	
Hussey Rock Buoy 1	Black; 2d-cl. can	In 30 feet.
CAPE PORPOISE HARBOR		
The Old Prince Bell Buoy 2	Red	South-southwest of ledge. In 30 feet.
Goat Island Beacon	Red; wheel, with pendants, on iron spindle.	

Name; mark on aid	Description	Location—Depth
CAPE PORPOISE HARBOR		
Folly Island Beacon	White; wooden tripod, upper half horizontally slatted.	
Gangway Rock Buoy 1	Black; 3d-cl. spar	In 15 feet.
KENNEBUNKPORT		
Mile Rock Buoy 1	Black; 1st-cl. spar	In 30 feet.
Little Fishing Rock Buoy 3	Black; 2d-cl. spar	In 24 feet.
Oaks Reef Outer Rock Beacon	Black; spherical cage on iron spindle.	
CAPE NEDDICK HARBOR		
Weare Point Outer Buoy 2 A	Red; 2d-cl. spar	Marks reef making off point. In 24 feet.
Weare Point Buoy 2	Red; 2d-cl. spar	Marks end of shoal off point. In 27 feet.
Burn Point Buoy 1	Black; 1st-cl. spar	Marks end of shoal off point. In 34 feet.
YORK HARBOR		
York Harbor Bell Buoy	Black and white vertical stripes.	In 74 feet.
East Point Ldege Buoy 2	Red; 1st-cl. spar	In 30 feet.
Black Rocks Buoy 4	Red; 3d-cl. spar	About 15 yards southeast of rock. In 14 feet.
Sweat Point Reef Buoy 1	Black; 3d-cl. spar	In 12 feet.
Fort Point Rock Buoy 6	Red; 3d-cl. spar	In 16 feet.
Stage Neck Ledge Buoy 8	Red; 2d-cl. spar	In 7 feet.
PORTSMOUTH HARBOR		
Jaffrey Point Beacon	Red; lozenge shaped top on iron shaft and six inclined braces.	
Wood Island Buoy 2	Red; 2d-cl. tall nun	In 30 feet.
Stielman Rocks Buoy 3	Black; 2d-cl. can	In 30 feet.
Stielman Rocks Beacon	Black; barrel on end, on iron spindle.	
Cod Rock Buoy 5	Black; 1st-cl. spar	In 30 feet.
Fishing Islands Ledge Buoy 4	Red; 1st-cl. spar	In 30 feet.
Hick Rocks Buoy 6	Red; 1st-cl. spar	In 30 feet.
Hick Rocks Beacon	Red; spherical cage on iron spindle.	
Trefethen Ledge Buoy 1	Black; 2d-cl. spar	Marks entrance to channel north of Seavys Island. In 18 feet.
PISCATAQUA RIVER		
South Beacon Shoal Buoy 11	Black; 1st-cl. can (s)	In 24 feet.
South Beacon	Black mast and lozenge-shaped figure, on gray stone base.	
Seward Rocks Buoy 13	Black; 2d-cl. can	In 30 feet.
Willey Ledge Beacon	Red; cylinder on wooden spindle.	Ledge bare at ordinary low tide.
Kittery Flats Rock Buoy 8	Red; 1st-cl. spar	In 30 feet.

Name; mark on aid	Description	Location—Depth
PISCATAQUA RIVER		
ABOVE PORTSMOUTH BRIDGE		
Mast Cove Rock Buoy 2	Red; 1st-cl. spar	Marks rock off cove. In 36 feet.
One-Foot Rock Buoy 1	Black; 2d-cl. spar	In 24 feet.
Twelve-Foot Rock Buoy 3	Black; 3d-cl. spar	Marks rock just below Little Bay entrance. In 18 feet.
Lower Middle Ground Buoy 4	Red; 3d-cl. spar	Marks lower end of first middle ground above bridge. In 21 feet.
Upper Middle Ground Buoy 5	Black; 3d-cl. spar	Marks lower end of second middle ground above bridge. In 18 feet.
Stacy Flats Buoy 6	Red; 3d-cl. spar	Marks flats making off Stacy Creek. In 19 feet.
Brickyards Buoy 7	Black; 3d-cl. spar	Opposite brickyards. In 15 feet.
Sturgeon Creek Buoy 8	Red; 3d-cl. spar	Marks flats making off from entrance to creek. In 13 feet.
West Flats Buoy 9	Black; 3d-cl. spar	Just above Sturgeon Creek. In 12 feet.
PORTSMOUTH HARBOR		
LITTLE BAY		
Eight-Foot Rock Buoy 2	Red; 3d-cl. spar	Marks rock off Fox Point. In 19 feet.
Fox Point Rock Buoy 1	Black; 3d-cl. spar	Marks reef extending off point. In 19 feet.
The Rocks Buoy 4	Red; 3d-cl. spar	Marks rocks in main channel just above Fox Point. In 22 feet.
GREAT BAY		
Entrance Buoy 3	Black; 3d-cl. spar	Marks south edge of channel to Newmarket and Exeter. In 13 feet.
LITTLE HARBOR		
Frosts Point Ledge Buoy 1	Black; 2d-cl. spar	0.3 mile off Frosts Point. In 18 feet
Jaffrey Ledge Buoy 2	Red; 2d-cl. spar	In 18 feet.
The Rocks Buoy 4	Red; 3d-cl. spar	In 12 feet.
Little Harbor Buoy 6	Red; 3d-cl. spar	In 12 feet.
Little Harbor Buoy 8	Red; 3d-cl. spar	In 12 feet.
Little Harbor Buoy 3	Black; 3d-cl. spar	In 12 feet.
ISLES OF SHOALS		
Appledore Ledge Buoy 1	Black; 1st-cl. spar	In 27 feet.
Halfway Rock Buoy	Red and black horizontal bands; 2d-cl. spar.	South of ledge. In 24 feet.
Anderson Ledge Beacon	Red; wheel and pendants on iron spindle.	
HAMPTON HARBOR		
Hampton Harbor Bell Buoy	Black and white vertical stripes.	In 40 feet.

Name; mark on aid	Description	Location—Depth
Breaking Rocks Buoy 2	Red; 2d-cl. tall nun	Off northeast end of ledge. In 31 feet.
Newburyport Bar Whistle Buoy "NEWBURYPORT."	Black and white vertical stripes; conical.	In 54 feet.
Dry Salvages Beacon	Red; steel tripod, top inclosed.	
Londoner Rock Beacon	Black; octagonal cage on iron spindle.	On rock ⅜ mile east from Thacher Island.
Eastern Point Whistle Buoy 2 A	Red; conical	In 99 feet.
Southeast Breakers Buoy 2	Red; 2d-cl. tall nun	In 27 feet.
Halfway Rock Beacon	Red; square pyramidal skeleton, on granite base.	
Corinth Race Mark Buoy D	White; spar	0.2 mile 217° from Halfway Rock Beacon. Marks course from May 25 to Oct. 1. Maintained by Corinthian Yacht Club, of Marblehead, Mass. In 102 feet.
Race Buoy	Black cage and spindle on white 1st-cl. iron spar buoy.	6 miles 127½° from Halfway Rock Beacon. Marks turning point of course from May 25 to Oct. 1. In 240 feet.
Corinth Race Mark Buoy B	White; spar	1 mile 204° from Halfway Rock Beacon. In 102 feet.
Corinth Race Mark Buoy C	White; spar	2.2 miles 223° from Halfway Rock Beacon. In 102 feet.
Corinth Race Mark Buoy 2	White; spar	2.3 miles 144° from Halfway Rock Beacon. In 156 feet.
Corinth Race Mark Buoy 3	White; spar	4 miles 196½° from Halfway Rock Beacon. In 156 feet.
Corinth Race Mark Buoy 6	White; spar	5.5 miles 143° from Marblehead Rock Beacon. In 135 feet.
Corinth Race Mark Buoy 7	White; spar	5.5 miles 180° from Marblehead Rock Beacon. In 81 feet.
		Mark course from May 25 to Oct. 1. Maintained by Eastern Yacht Club, of Marblehead, Mass.
MERRIMACK RIVER		
Newburyport Bar Whistle Buoy "NEWBURYPORT."	Black and white vertical stripes; conical.	Moved as channel changes. In 54 feet.
Newburyport Entrance Bell Buoy 1.	Black; 2d-cl. can (s) substituted in winter.	100 yards east of east end of south jetty. In 21 feet.
North Jetty Buoy 2	Red; 2d-cl. nun	140 yards 180° from end of jetty. In 12 feet.
Salisbury Buoy 1 B	Black; 2d-cl. can (s)	On north edge of spit. Moved as shoal changes. In 14 feet.
Sunken Pier Buoy 4	Red; 2d-cl. nun	In 11 feet.
Hump Sands Buoy 3	Black; 2d-cl. can (s)	In 15 feet.
Black Rock Beacon	Red; wooden pyramid on square, granite pier.	On outer rock of ledge.
East Joppa Flats Buoy 5	Black; 2d-cl. can (s)	
Lunt Rock Buoy 6	Red; 2d-cl. nun (s)	On south side of rock In 15 feet.
Joppa Flats Buoy 7	Black; 2d-cl. can (s)	Off north side of flats. In 16 feet.
Joe Noyes Point Buoy 8	Red; 2d-cl. nun (s)	In 16 feet.

Name; mark on aid	Description	Location—Depth
South Pier Shoal Buoy 9	Black; 2d-cl. can (s)	In 12 feet.
North Pier Beacon	Red; square cage above lozenge form; timber.	
South Pier Beacon	Black; round cage above lozenge form; timber.	
Arthurs Rock Buoy 10	Red; 2d-cl. nun (s)	On south side of rock. In 21 feet.
John Currier Rock Buoy 11	Black; 2d-cl. can (s)	In 12 feet.
Carr Rock Buoy	Red and black horizontal bands; 2d-cl. nun. (s)	In 8 feet.
Eagle Island Buoy 13	Black; 3d-cl. can (s)	In 9 feet.
Kettle Rocks Beacon	Black; open work iron ball on iron spindle.	On rocks, above Deer Island Bridge.
Kettle Rocks Buoy 15	Black; 2d-cl. can (s)	In 15 feet.
Salisbury Point Buoy 17	Black; 3d-cl. can (s)	In 6 feet.
West Amesbury Buoy 12	Red; 3d-cl. nun (s)	In 10 feet.
Cursons Mill Buoy 14	Red; 3d-cl. nun (s)	In 7 feet.
Grassy Island Buoy 16	Red; 3d-cl. nun (s)	In 11 feet.
Indian River Buoy 18	Red; 3d-cl. nun (s)	In 9 feet.
Crossover Buoy 19	Black; 3d-cl. can (s)	In 12 feet.
Rocks Buoy 21	Black; 3d-cl. can (s)	In 6 feet.
Jamaica Point Buoy 23	Black; 3d-cl. can (s)	In 7 feet.
Long Hill Buoy 25	Black; 3d-cl. can (s)	In 5 feet.
Kimballs Hill Buoy 20	Red; 3d-cl. nun (s)	In 7 feet.
West Newbury Shoal Buoy 27	Black; 3d-cl. can (s)	In 8 feet.
Long Flats Buoy 29	Black; 3d-cl. can (s)	In 6 feet.
Currier Shoal Lower Buoy 31	Black; 3d-cl. can (s)	In 7 feet.
Merrimack Rock Buoy 33	Black; 3d-cl. can (s)	In 7 feet.
Currier Shoal Rock Buoy 35	Black; 3d-cl. can (s)	In 7 feet.
Currier Shoal Upper Buoy 37	Black; 3d-cl. can (s)	In 7 feet.
Nicols Point Buoy 39	Black; 3d-cl. can (s)	In 7 feet.
Groveland Rocks Buoy 41	Black; 3d-cl. can (s)	In 10 feet.
Haverhill Flats Buoy 22	Red; 3d-cl. nun (s)	In 8 feet.
Plane Point Buoy 24	Red; 3d-cl. nun (s)	In 7 feet.
Woodmans Shoal Buoy 43	Black; 3d-cl. can (s)	In 7 feet.
Millers Point Buoy 45	Black; 3d-cl. can (s)	In 6 feet.
Sibley Island Flats Buoy 47	Black; 3d-cl. can (s)	In 5 feet.
Railroad Bridge Rocks Buoy 49	Black; 3d-cl. can (s)	In 5 feet.

PLUM ISLAND SOUND

Plum Island Sound Buoy 2	Red; 3d-cl. nun (s)	In 9 feet.
Plum Island Sound Buoy 4	Red; 3d-cl. nun (s)	In 9 feet.
Plum Island Sound Buoy 1	Black; 3d-cl. can (s)	In 6 feet.
Plum Island Sound Buoy 6	Red; 3d-cl. nun (s)	In 9 feet.

Name; mark on aid	Description	Location—Depth
PLUM ISLAND SOUND		
Plum Island Sound Buoy 3	Black; 3d-cl. can (s)	In 9 feet.
Plum Island Sound Buoy 5	Black; 3d-cl. can (s)	In 6 feet.
Plum Island Sound Buoy 7	Black; 3d-cl. can (s)	In 9 feet.
Plum Island Sound Buoy 8	Red; 3d-cl. nun (s)	In 9 feet.
Plum Island Sound Buoy 10	Red; 3d-cl. nun (s)	In 9 feet.
Plum Island Sound Buoy 9	Black; 3d-cl. can (s)	In 6 feet.
Plum Island Sound Buoy 11	Black; 3d-cl. can (s)	In 9 feet.
Plum Island Sound Buoy 12	Red; 3d-cl. nun (s)	In 9 feet.
PARKER RIVER		
Parker River Buoy 13	Black; 3d-cl. can (s)	In 9 feet.
Parker River Buoy 14	Red; 3d-cl. nun (s)	In 9 feet.
IPSWICH HARBOR		
Ipswich Channel Buoy 1	Black; 2d-cl. can (s)	In 10 feet. Frequently shifted.
Ipswich Channel Buoy 2	Red; 2d-cl. nun (s)	In 20 feet. Frequently shifted.
Sand Spit Buoy 3	Black; 3d-cl. can (s)	In 9 feet.
Bass Rock Beacon	Red; cage on iron spindle	Entrance to Plum Island Sound, off southwest end of Plum Island.
Ipswich Channel Buoy 6	Red; 3d-cl. nun (s)	In 9 feet.
Lobster Rock Buoy 8	Red; 3d-cl. nun (s)	Marks rock, making out from southeast point of Little Neck. In 4 feet.
ESSEX HARBOR		
Essex Channel Buoy 1	Black; 2d-cl. can (s)	In 21 feet.
Point Neck Shoal Buoy 4	Red; 3d-cl. nun (s)	In 9 feet.
Frog Rock Beacon	Black; cask on end on iron spindle.	
Middle Ground Northeast End Buoy 6.	Red; 3d-cl. nun (s)	In 9 feet.
Essex Channel Buoy 3	Black; 3d-cl. can (s)	In 9 feet.
Middle Ground East Side Buoy 8	Red; 3d-cl. nun (s)	In 9 feet.
Essex Channel Buoy 5	Black; 3d-cl. can (s)	In 9 feet.
Channel Rocks Buoy 10	Red; 3d-cl. nun (s)	In 9 feet.
ANNISQUAM HARBOR		
Plum Cove Ledge Buoy 1	Black; 2d-cl. can (s)	In 21 feet.
Harridan Rock Buoy 3	Black; 2d-cl. can (s)	In 15 feet.
Annisquam River Buoy 2	Red; 2d-cl. nun (s)	In 20 feet.
Annisquam Channel Buoy 4	Red; 3d-cl. nun (s)	In 8 feet.
Lobster Rock Beacon	Black; cask on bilge, on iron spindle, on stone mound.	
Annisquam River Buoy 6	Red; 3d-cl. nun (s)	In 10 feet.
Annisquam River Buoy 1	Black 3d-cl. can (s)	In 12 feet.
Barn Rock Beacon	Small tree, in hole in rock, in summer.	Leave on starboard hand.
Bass Rock Beacon	Small tree, in hole in rock, in summer.	Off Babson Point. Leave on port hand.
Lane Point Beacon	Square, openwork granite	Leave on port hand.

Name; mark on aid	Description	Location—Depth
ANNISQUAM RIVER		
Annisquam River Buoy 8	Red; 3d-cl. nun (s)	In 10 feet.
Annisquam River Buoy 3	Black; 3d-cl. can (s)	In 15 feet.
Annisquam River Buoy 10	Red; 3d-cl. nun (s)	In 12 feet.
Annisquam River Buoy 5	Black; 3d-cl. can (s)	In 10 feet.
Annisquam River Beacon 7	Black; pile dolphin	10 feet high.
Annisquam River Buoy 9	Black; 3d-cl. can (s)	In 10 feet.
Annisquam River Beacon 12	Red; pile dolphin	10 feet high.
Annisquam River Buoy 11	Black; 3d-cl. can (s)	In 10 feet.
Annisquam River Buoy 14	Red; 3d-cl. nun (s)	In 6 feet.
Annisquam River Buoy 16	Red; 3d-cl. nun (s)	In 6 feet.
Annisquam River Beacon 13	Black; pile dolphin	10 feet high.
Annisquam River Beacon 15	Black; pile dolphin	10 feet high.
Annisquam River Buoy 18	Red; 3d-cl. nun (s)	In 10 feet.
Annisquam River Buoy 17	Black; 3d-cl. can (s)	In 10 feet.
Annisquam River Buoy 20	Red; 3d-cl. nun (s)	In 8 feet.
Annisquam River Buoy 22	Red; 3d-cl. nun (s)	In 6 feet on end of shoal.
Annisquam River Buoy 19	Black; 3d-cl. can (s)	In 10 feet.
Annisquam River Buoy 24	Red; 3d-cl. nun (s)	In 8 feet.
Annisquam River Beacon 21	Black; pile dolphin	10 feet high.
Annisquam River Buoy 23	Black; 3d-cl. can (s)	In 10 feet.
Annisquam River Buoy 26	Red; 3d-cl. nun (s)	In 10 feet.
Annisquam River Beacon 25	Black; pile dolphin	10 feet high.
Annisquam River Buoy 27	Black; 3d-cl. can (s)	In 10 feet.
Annisquam River Beacon 28	White square cage and spindle, on red pile dolphin.	10 feet high
Annisquam River Buoy 30	Red; 3d-cl. nun (s)	In 10 feet.
Annisquam River Buoy 29	Black; 3d-cl. can (s)	In 10 feet.
Annisquam River Beacon 32	Red; pile dolphin	10 feet high.
Annisquam River Cut Buoy 1	Black; 3d-cl. can (s)	In 10 feet.
SANDY BAY		
Flat Ground North End Bell Buoy 1.	Black; spar station buoy; bell buoy removed when ice runs.	In 41 feet.
Flat Ground Southern Rock Buoy 2.	Red; 2d-cl. nun (s)	Off Rockport Harbor. In 24 feet.
Dry Salvages Beacon	Red; steel tripod, top inclosed.	
Avery Ledge Bell Buoy 2	Red; spar station buoy	Off south end of Rockport Breakwater. Off southwest side of ledge. In 21 feet.
Dodges Rock Beacon	Red; cage on iron shaft	
Twelve-Foot Rock Buoy 3	Black; 2d-cl. can (s)	In 24 feet.
Harbor Rock Buoy 4	Red; 2d-cl. nun (s)	Marks granite block sunk just outside of breakwater. In 18 feet.
THACHER ISLAND		
Oak Rock Buoy 2	Red; 2d-cl. nun (s)	In 20 feet.
Station Rock Buoy 1	Black; 2d-cl. can (s)	In 18 feet.

Name; mark on aid	Description	Location—Depth
Brace Cove Buoy 2	Red; 1st-cl. nun	In 30 feet.
Eastern Point Whistle Buoy 2A	Red; conical	In 99 feet.
Eastern Point Ledge Buoy 2	Red; 2d-cl. nun	Off southwest point of ledge. In 21 feet.
Dog Bar Buoy 4	Red; 2d-cl. nun	In 19 feet.
Normans Woe Bell Buoy 1A	Black	In 36 feet.
Round Rock Shoal Buoy 1	Black; 2d-cl. can (s)	Northeast of shoal. In 21 feet.
Tenpound Island Ledge Buoy 6	Red; 2d-cl. nun	In 32 feet.
Prairie Ledge Buoy 3	Black; 2d-cl. can (s)	Off end of Prairie Ledge. In 23 feet.
Mayflower Obstruction Buoy	Red and black horizontal bands; 2d-cl. tall nun.	In 18 feet.
Green Rock Beacon	Red; circular cage on iron spindle.	On outer rock of ledge.
Babson Ledge Buoy 5	Black; 2d-cl. can (s)	In 15 feet.
Black Rock Beacon	Red; oblong cage on iron spindle.	
Fivepound Island Beacon	Red; ball on spindle; granite base.	
Fivepound Island Buoy 8	Red; 3d-cl. nun (s)	In 18 feet.

SALEM HARBOR APPROACHES

MAIN CHANNEL		
Middle Breakers Beacon	Black; cylindrical cask on end, on iron spindle.	
Breakers Buoy 1A	Black; 2d-cl. can	In 87 feet.
Searle Rock Buoy 1	Black; 2d-cl. can	In 21 feet.
Gales Ledge Buoy 2	Red; 2d-cl. nun	In 30 feet.
Whalesback Beacon	Red; cage on iron spindle	
Bakers Island Shoal Bell Buoy 3	Black; 2d-cl. can station buoy (s).	Off north side of Powers Rock. In 39 feet.
Little Misery Island Buoy 4	Red; 2d-cl. nun (s)	Off southwest edge of shoal. In 45 feet.
House Ledge Buoy	Red and black horizontal bands; 2d-cl. nun (s).	In 18 feet.
Bowditch Shoal Buoy 3	Black; 2d-cl. can (s)	In 36 feet.
Bowditch Beacon	Black; conical granite monument.	
Misery Ledge Buoy 6	Red; 2d-cl. nun (s)	Off southwest side of ledge. In 33 feet.
Haste Rock Buoy 5	Black; 2d-cl. can (s)	In 33 feet.
Little Haste Beacon	Black; cask on wooden spar	
Haste Shoal Buoy 7	Black; 2d-cl. can (s)	Off north point of shoal. In 24 feet.
Haste Shoal Buoy	Red and black horizontal bands; 2d-cl. tall can.	In 24 feet.
Woodberry Shoal Buoy 10	Red; 2d-cl. nun (s)	Off southeast point of shoal. In 24 feet.
Twenty-foot Spot Buoy	Red and black horizontal bands; 2d-cl. can (s).	In 24 feet.
Mann Rock Buoy	Red and black horizontal bands; 2d-cl. nun (s).	In 27 feet.
Middle Ground Buoy 9	Black; 2d-cl. can (s)	In 15 feet.
Abbott Beacon	Red; square cage on staff, on pyramidal granite base.	

Name; mark on aid	Description	Location—Depth
MAIN CHANNEL		
Salem Channel Buoy 12	Red; 2d-cl. nun (s)	In 24 feet. On edge of dredged 25-foot cut.
Great Aqua Vitae Beacon	Black; pyramidal; granite; cage on iron staff.	
Knapps Rock Buoy 11	Black; 2d-cl. can (s)	Off west side of rock. In 21 feet.
Salem Channel Buoy 14	Red; 2d-cl. nun (s)	In 24 feet. On edge of dredged 25-foot cut.
Salem Channel Buoy 11A	Black; 2d-cl. can (s)	In 24 feet. On edge of dredged 25-foot cut.
Terminal Beacon 1	White cask on black 3-pile dolphin.	In 21 feet. Maintained by Salem Terminal Corporation, of Salem, Mass.
Terminal Beacon 3	White cask on black 3-pile dolphin.	In 21 feet.
Terminal Channel Buoy 2	Red; 1st-cl. spar	In 25 feet.
Terminal Beacon 5	White cask on black 3-pile dolphin.	In 21 feet.
Derby Channel Buoy 16	Red; 3d-cl. nun (s)	In 15 feet.
Derby Channel Buoy 13	Black; 3d-cl. can (s)	In 9 feet.
Derby Channel Buoy 18	Red; 3d-cl. nun (s)	In 10 feet.
Derby Channel Buoy 20	Red; 3d-cl. nun (s)	In 10 feet.
Derby Channel Buoy 15	Black; 3d-cl. can (s)	In 9 feet.
Forest River Rock Beacon	Red; cage and pole on iron spindle.	
MANCHESTER CHANNEL		
Sauli Rock Buoy	Red and black horizontal bands; 2d-cl. can (s).	On south side of rocks. In 21 feet.
Herrick Rock Beacon	Red; cage on iron spindle	Maintained by Robert F. Herrick, jr., Beverly Farms, Mass.
White Ledge Buoy 2	Red; 3d-cl. nun (s)	Off northwest end of ledge. In 15 feet.
Halftide Rock Buoy 4	Red; 3d-cl. nun (s)	In 15 feet.
Manchester Channel Entrance Buoy.	Black and white vertical stripes; 2d-cl. can (s).	In 17 feet.
Manchester Channel Buoy 2	Red; 3d-cl. nun (s)	In 6 feet.
Manchester Channel Buoy 1	Black; 3d-cl. can (s)	In 6 feet.
Manchester Channel Buoy 4	Red; 3d-cl nun (s)	In 6 feet.
Manchester Channel Buoy 3	Black; 3d-cl. can (s)	In 6 feet.
Manchester Channel Buoy 6	Red; 3d-cl. nun (s)	In 6 feet.
Manchester Channel Buoy 8	Red; 3d-cl. nun (s)	In 6 feet.
Manchester Channel Buoy 5	Black; 3d-cl. can (s)	In 6 feet.
Manchester Channel Buoy 10	Red· 3d-cl. nun (s)	In 6 feet.
GREAT MISERY ISLAND CHANNEL		
Pride Rock Buoy 2	Red; 3d-cl. nun (s)	In 12 feet.
BEVERLY CHANNEL		
Beverly Channel Buoy 1	Black; 2d-cl. can (s)	North of Juniper point. In 25 feet.
Beverly Channel Buoy 2	Red; 2d-cl. nun (s)	In 18 feet.
Beverly Channel Buoy 3	Black; 2d-cl. can (s)	In 18 feet.
Beverly Channel Buoy 5	Black; 2d-cl. can (s)	In 24 feet.
Beverly Channel Buoy 4	Red; 2d-cl. nun (s)	In 12 feet.
Beverly Channel Buoy 7	Black; 2d-cl. can (s)	In 24 feet.

Name; mark on aid	Description	Location—Depth
BEVERLY CHANNEL		
Beverly Channel Buoy 6	Red; 2d-cl. nun (s)	In 24 feet.
Beverly Channel Buoy 9	Black; 2d-cl. can (s)	In 24 feet.
Beverly Channel Buoy 11	Black; 2d-cl. can (s)	In 24 feet.
Monument Bar Beacon	Square cage on pyramidal, granite cribwork; wooden staff; black top.	
RAMS HORN CHANNEL		
Rams Horn Channel Buoy 1	Black; 3d-cl. can (s)	In 27 feet.
Rams Horn Channel Buoy 2	Red; 3d-cl. nun (s)	In 27 feet.
Rams Horn Beacon	Cone on square, granite cribwork; wooden staff; black top and staff.	
Rams Horn Channel Buoy 4	Red; 3d-cl. nun (s)	In 17 feet.
Lobster Rocks Beacon	Black; keg on staff on square, granite cribwork.	
DANVERS RIVER		
Danvers River Buoy 1	Black; 3d-cl. can (s)	In 18 feet.
Danvers River Buoy 2	Red; 3d-cl. nun (s)	In 18 feet.
Danvers River Buoy 3	Black; 3d-cl. can (s)	In 9 feet.
Danvers River Buoy 4	Red; 3d-cl. nun (s)	In 12 feet.
Danvers River Buoy, 5	Black; 3d-cl. can (s)	In 18 feet.
Danvers River Buoy 6	Red; 3d-cl. nun (s)	In 15 feet.
Danvers River Buoy 7	Black; 3d-cl. can (s)	In 10 feet.
Danvers River Buoy 8	Red; 3d-cl. nun (s)	In 10 feet.
Danvers River Buoy 10	Red; 3d-cl. nun (s)	In 10 feet.
Danvers River Buoy 9	Black; 3d-cl. can (s)	In 15 feet.
BEVERLY CREEK		
Creek Junction Buoy	Red and black horizontal bands; 2d-cl. can (s).	In 18 feet.
Beverly Creek Buoy 2	Red; 3d-cl. nun (s)	In 9 feet.
Beverly Creek Buoy 1	Black; 3d-cl. can (s)	In 12 feet.
Beverly Creek Buoy 4	Red; 3d-cl. nun (s)	In 9 feet.
Beverly Creek Buoy 3	Black; 3d-cl. can (s)	In 7 feet.
Beverly Creek Buoy 5	Black; 3d-cl. can (s)	In 6 feet.
HARDY SHOAL CHANNEL		
Hardy Rock Buoy 1	Black; 2d-cl. can (s)	In 18 feet.
Hardy Rock Beacon	Black; two triangles on spar.	
Rising States Buoy 3	Black; 2d-cl. can (s)	In 24 feet.
16-foot Rock Buoy 2	Red; 2d-cl. nun (s)	Northwest of Hardy Shoal. In 42 feet.
Cutthroat Buoy 5	Black; 2d-cl. can (s)	In 21 feet.
POPES HEAD CHANNEL		
Popes Head Shoal Buoy 1	Black; 2d-cl. can (s)	In 15 feet.
CAT ISLAND CHANNEL		
Southeast Breakers Buoy 2	Red; 2d-cl. tall nun	In 27 feet.
Halfway Rock Beacon	Red; square, pyramidal skeleton, on granite base.	

Name; mark on aid	Description	Location—Depth
CAT ISLAND CHANNEL		
Davis Ledge Buoy 4	Red; 2d-cl. nun	In 42 feet.
Gooseberry Ledge Buoy 6	Red; 2d-cl. tall nun	In 66 feet.
Satan Rock Beacon	Round black cage on red iron shaft.	
Martins Rock Buoy 3	Black; 2d-cl. can (s)	In 21 feet.
Brimbles Beacon	Black: four arms on iron spindle; faces toward Cat Island Passage, red.	
Chappel Ledge Buoy	Red and black horizontal bands; 2d-cl. can (s).	In 24 feet.
Mid-Channel Rock Buoy 8	Red; 2d-cl. nun (s)	In 33 feet.
Coney Ledge Buoy 5	Black; 2d-cl. can (s)	In 18 feet.
Eagle Island Bar Buoy 10	Red; 2d-cl. nun (s)	In 18 feet.
Coney Island Rock Buoy 7	Black; 2d-cl. can (s)	In 18 feet.
SALEM SOUTH CHANNEL		
Volunteer Rock Buoy	Red and black; horizontal bands; 2d-cl. can (s).	In 30 feet.
Tom Moores Rock Beacon	Black; cask on iron spindle.	
Northern Guide Buoy	White; spar, with flag	Marks race course from May 25 to Oct. 1. In 48 feet. Maintained by Eastern Yacht Club, of Marblehead.
Four-fathom Buoy	Red and black horizontal bands; 2d-cl. tall nun.	In 45 feet.
Marblehead Rock Beacon	Black and white; round; granite and wood; conical top.	
Fifteen Foot Rock Buoy	Red and black horizontal bands; 2d-cl. nun (s).	In 24 feet.
Cat Island Beacon	Black; cask on spar	
Lasque Ledge Buoy 1	Black; 2d-cl. can (s)	In 36 feet.
Archer Rock Buoy	Red and black horizontal bands; 2d-cl. nun (s).	In 21 feet.
Gordons Rock Buoy 3	Black; 2d-cl. can (s)	In 27 feet.
Selmans Berth Buoy 5	Black; 3d-cl. can (s)	In 21 feet.
Kettle Bottom Beacon	Black; spherical cage on iron spindle.	In 8 feet.
Williams Rock Buoy 2	Red; 3d-cl. nun (s)	In 36 feet.
Endeavors Rock Buoy 7	Black; 3d-cl. can (s)	In 16 feet.
Triangle Rocks Buoy 4	Red; 3d-cl. nun (s)	In 15 feet.
Triangles Buoy 6	Red; 3d-cl. nun (s)	In 21 feet.
Wellmans Ledge Buoy 9	Black; 3d-cl. can (s)	In 15 feet.
Stones Rock Buoy 8	Red; 3d-cl. nun (s)	In 18 feet.
Little Aqua Vitae Beacon	Red; spindle with 4 prongs.	Dry at low water.
Caswells Rock Buoy 10	Red; 3d-cl. nun (s)	In 21 feet.
MARBLEHEAD HARBOR		
Bodens Rock Buoy 1	Black; 3d-cl. can (s)	In 27 feet.
Yacht Channel Buoy 1	Black; pyramidal framework on cask.	In 24 feet, Maintained by town of Marblehead, Mass., from May 15 to Sept. 15.

Name; mark on aid	Description	Location—Depth
MARBLEHEAD HARBOR		
Yacht Channel Buoy 2	Red; pyramidal framework on cask.	In 24 feet, Maintained by town of Marblehead, Mass., from May 15 to Sept. 15.
Yacht Channel Buoy 3	Black; pyramidal framework on cask.	In 24 feet, Maintained by town of Marblehead, Mass., from May 15 to Sept. 15.
Yacht Channel Buoy 4	Red; pyramidal framework on cask.	In 24 feet, Maintained by town of Marblehead, Mass., from May 15 to Sept. 15.
Yacht Channel Buoy 5	Black; pyramidal framework on cask.	In 24 feet, Maintained by town of Marblehead, Mass., from May 15 to Sept. 15.
Yacht Channel Buoy 6	Red; pyramidal framework on cask.	In 24 feet, Maintained by town of Marblehead, Mass., from May 15 to Sept. 15.
Yacht Channel Buoy 7	Black; pyramidal framework on cask.	In 24 feet, Maintained by town of Marblehead, Mass., from May 15 to Sept. 15.
Yacht Channel Buoy 8	Red; pyramidal framework on cask.	In 24 feet, Maintained by town of Marblehead, Mass., from May 15 to Sept. 15.
NAHANT BAY APPROACH		
Roaring Bull Beacon	Red; cross on iron spindle	On rock.
Eight-Foot Rock Buoy	Red and black horizontal bands; 2d-cl. can (s).	In 15 feet.
Middle Ground Buoy 4	Red; 2d-cl. nun (s)	In 16 feet.
Sammy Rock Buoy 6	Red; 2d-cl. nun (s)	In 16 feet.
Southern Shoal Rock Buoy 6	Red; 2d-cl. nun	In 24 feet.
Southwest Breaker Shoal Buoy 8	Red; 2d-cl. nun	In 20 feet.
Dolphin Rock Buoy 10	Red; 2d-cl. nun (s)	In 16 feet.
Dread Ledge Beacon	Red; cask on iron spindle	Off south side of Phillips Point.
NAHANT HARBOR		
Joe Beach Ledge Buoy 2	Red; 2d-cl. nun (s)	Off Nahant Wharf, near ledge. In 18 feet.
Bass Rock Beacon	Red; cage on iron spindle	On rock, off Nahant.
Flip Rock Buoy	Red and black horizontal bands; 2d-cl. tall nun.	On small ledge in Broad Sound, at entrance to harbor. In 18 feet.
LYNN HARBOR		
MAIN CHANNEL		
Lynn Harbor Bell Buoy 2	Red	In 20 feet.
Lobster Rocks Buoy 4	Red; 2d-cl. nun (s)	In 15 feet.
Dredged Channel Buoy 6	Red; 2d-cl. nun (s)	At turn abreast of White Rocks Light.
CROSS CHANNEL		
Cross Channel Buoy 1	Black; 3d-cl. spar	In 22 feet. Maintained by Lynn Gas & Electric Co., Lynn, Mass.
Cross Channel Buoy 2	Red; 3d-cl. spar	
Cross Channel Buoy 3	Black; 3d-cl. spar	
Cross Channel Buoy 4	Red; 3d-cl. spar	
Cross Channel Buoy 5	Black; 3d-cl. spar	
SAUGUS RIVER CHANNEL		
Entrance Buoy 2	Red; 2d-cl. nun (s)	In 12 feet.
Angle Buoy 4	Red; 3d-cl. nun (s)	In 12 feet.
Middle Ground Buoy 1	Black; 3d-cl. can (s)	In 12 feet.
Bar Buoy 3	Black; 3d-cl. can (s)	In 10 feet.
Point of Pines Buoy 5	Black; 3d-cl. can (s)	In 12 feet.
Round Rock Buoy 6	Red; 3d-cl. nun (s)	In 15 feet.

Name; mark on aid	Description	Location—Depth
Dumping Ground Bell Buoy DG	White	3.7 miles 34° from The Graves Lighthouse. In 108 feet.
BROAD SOUND		
North Channel Bell Buoy 6	Red	In 36 feet.
Great Faun Bar Beacon	Red; cage on spindle on conical base on square pyramidal subbase.	
South Channel Entrance Buoy 2	Red; 2d-cl. nun (s)	In 45 feet.
South Channel Entrance Buoy 1	Black; 2d-cl. can (s)	In 45 feet.
South Channel Buoy 3	Black; 2d-cl. can (s)	On northwest side of Commissioners Ledge. In 36 feet.
South Channel Buoy 4	Red; 2d-cl. nun (s)	In 36 feet.
South Channel Buoy 5	Black; 2d-cl. can (s)	On northwest side of Aldridge Ledge. In 42 feet.
South Channel Buoy 6	Red; 2d-cl. nun (s)	At turning point on northwest side of channel. In 36 feet.
South Channel Buoy 7	Black; 2d-cl. can (s)	In 36 feet.
South Channel Buoy 9	Black; 2d-cl. can (s)	In 35 feet.
PRESIDENT ROADS		
Nix Mate Beacon	Black; white band midway of height; octagonal pyramid on square granite base.	
Nix Mate Bell Buoy 11	Black	In 36 feet. Alongside gas buoy. Removed when ice runs.
Long Island Head Buoy 13	Black; 2d-cl. tall can	300 yards 12° from Long Island Head Lighthouse. In 24 feet.
MAIN CHANNEL		
Boston Main Channel Bell Buoy 2.	Red	In 36 feet.
Boston Main Channel Buoy 6	Red; 2d-cl. tall nun	In 35 feet.
Boston Main Channel Buoy 8	Red; 2d-cl. tall nun	In 34 feet.
Reserved Channel Buoy 1	Black; 1st-cl. can	At entrance to Reserved Channel. In 36 feet.
Bird Island Anchorage Beacon A.	Red; pile dolphin	In 15 feet. Mark anchorage basin. Maintained by Commonwealth of Massachusetts.
Bird Island Anchorage Beacon B.	Red; pile dolphin	In 12 feet.
Bird Island Anchorage Beacon C.	Red; pile dolphin	In 6 feet.
Southeast Buoy 1	Black; 3d-cl can. (s)	*Outside of channel.* At entrance to 24-foot channel to Burnham's coal piers. In 21 feet.
Boston Main Channel Buoy 7	Black; 2d-cl. can (s)	In 35 feet.
Boston Main Channel Buoy 12	Red; 1st-cl. iron spar	In 35 feet.
FROM SOUTHEAST		
Three-and-One-Half Fathom Whistle Buoy 1.	Black; conical	In 57 feet.
Davis Ledge Buoy 1	Black; 2d-cl. tall can; bell buoy substituted from June 1 to Oct. 1.	In 30 feet.
Thieves Ledge Whistle Buoy 1 B. "THIEVES LEDGE."	Black; conical	On south side of east entrance to the Narrows Channel. In 42 feet.
Harding Ledge Beacon	Black; horizontal wheel on iron spindle.	In 3 feet.
Three-and-One-Half Fathom Ledge Buoy 2.	Red; 1st-cl. tall nun	In 21 feet.

Name; mark on aid	Description	Location—Depth
FROM SOUTHEAST		
Martins Ledge Buoy 4	Red; 2d-cl. tall nun	In 72 feet.
Boston Ledge Buoy 6	Red; 2d-cl. tall nun	In 42 feet.
Point Allerton Beacon	Black cone on shaft, on gray granite pyramid.	
Nash Rock Buoy 8	Red; 2d-cl. tall nun	In 18 feet.
Kellys Rock Bell Buoy 10	Red	In 24 feet.
False Spit Beacon	Red; cylindrical cask on end on iron spindle, on granite base.	
THE NARROWS		
Spit Beacon	Granite pyramid	
Narrows Channel Buoy 7	Black; 2d-cl. can (s)	In 25 feet.
Seventy-Four Bar Buoy 14	Red; 2d-cl. tall nun	In 20 feet.
HYPOCRITE CHANNEL		
Halftide Rocks Buoy 2	Red; 2d-cl. nun (s)	On south side of ledge. In 24 feet.
SHIRLEY GUT		
Winthrop Bar Buoy 4	Red; 3d-cl. nun (s)	Off southeast side of bar. In 15 feet.
WINTHROP CHANNEL		
Channel Buoy 2	Red; 3d-cl. nun (s)	375 yards 36½° from Winthrop Light. In 9 feet.
Channel Buoy 4	Red; 3d-cl. nun (s)	800 yards 33° from Winthrop Light. In 9 feet.
DEER ISLAND FLATS		
Apple Island Race Buoy 1	White; barrel	In 12 feet. Maintained by Cottage Park Yacht Club of Winthrop, Mass., from Apr. 15 to Nov. 1.
Deer Island Race Buoy 2	White; barrel	
CHELSEA POINT CHANNEL		
Cottage Park Buoy 2	Red; 3d-cl. nun (s)	1,860 yards 258° from Winthrop Head Standpipe. In 6 feet.
Noddle Island Flats Buoy 1	Black; 3d-cl. can (s)	2,450 yards 263° from Winthrop Head Standpipe. In 10 feet.
Three Point Buoy 4	Red; 3d-cl. nun (s)	2,350 yards 291° from Winthrop Light. In 12 feet.
Chelsea Point Buoy 6	Red; 3d-cl. nun (s)	1,825 yards 176° from Breeds Island Water Tower. In 6 feet.
Winthrop Flats Buoy 8	Red; 3d-cl. nun (s)	1,800 yards 156° from Breeds Island Water Tower. In 5 feet.
Breeds Flats Buoy 3	Black; 3d-cl. can (s)	1,980 yards 151° from Breeds Island Water Tower. In 5 feet.
Breeds Flats Buoy 5	Black· 3d-cl. can (s)	2,000 yards 146½° from Breeds Island Water Tower. In 5 feet.
GOVERNORS ISLAND CHANNEL		
Middle Ground Southeast End Buoy 2.	Red; 2d-cl. nun (s)	In 20 feet.
Middle Ground Northwest End Buoy 4.	Red; 2d-cl. nun (s)	In 20 feet.
Governors Island Flats Easterly End Buoy 1.	Black; 2d-cl. can (s)	In 20 feet.
Apple Island Flats Buoy 6	Red; 2d-cl. nun (s)	On southeast point of shoal. In 12 feet.
MYSTIC RIVER		
Island End Flats Buoy 2	Red; 2d-cl. nun (s)	In 21 feet. Mark north edge of dredged channel leading to Island End River, after passing draw of Chelsea Bridge.
Island End Point Buoy 4	Red; 2d-cl. nun (s)	

Name; mark on aid	Description	Location—Depth
MYSTIC RIVER		
Mystic Buoy 6	Red; 2d-cl. nun (s)	150 yards 11° from northwest corner of Mystic Wharf. In 30 feet.
Mystic Buoy 8	Red; 2d-cl. nun (s)	259 yards 133½° from center pier of Malden Bridge. In 24 feet.
Merrimac Channel Buoy 1	Black; 3d-cl. spar	In 15 feet. At entrance to channel. Maintained by Merrimac Chemical Co., Everett, Mass.
Merrimac Channel Buoy 2	Red; 3d-cl. spar	
LOWER MIDDLE CHANNEL		
Lower Middle Southeast End Buoy.	Red and black horizontal bands; 1st-cl. can.	In 21 feet.
Governors Island Flats Buoy 2	Red; 2d-cl. nun (s)	In 18 feet.
NANTASKET ROADS		
Hunt Ledge Buoy	Red and black horizontal bands; 2d-cl. tall nun.	In 21 feet.
Toddy Rocks Buoy 1	Black; 2d-cl. tall can	In 21 feet.
Fifteen-Foot Shoal Buoy 2	Red; 2d-cl. tall nun	In 18 feet. On south side of shoal spots southeast of Georges Island.
Thirteen-Foot Shoal Buoy 4	Red; 2d cl. tall nun	
GEORGES ISLAND CHANNEL		
Hospital Shoal Buoy 1	Black; 2d-cl. can (s)	In 18 feet.
Hospital Shoal Northwest Part Buoy 3.	Black; 2d-cl. can (s)	In 30 feet.
RAINSFORD ISLAND CHANNEL		
Rainsford Island Buoy 1	Black; 2d-cl. can (s)	Off east end of island. In 16 feet.
NUBBLE CHANNEL		
Nix Mate South Spit Buoy 2	Red; 2d-cl. nun (s)	In 15 feet.
South Cut Buoy 1	Black; 2d-cl. can (s)	In 15 feet.
Nubble Buoy 4	Red; 2d-cl. nun (s)	In 15 feet.
North Cut Buoy 3	Black; 2d-cl. can (s)	In 15 feet.
DORCHESTER BAY		
Old Harbor Shoal Buoy 2	Red; 2d-cl. nun (s)	In 18 feet.
Thompson Island Point Buoy 1	Black; 2d-cl. can (s)	In 18 feet.
Thompson Island Flats Buoy 3	Black; 2d-cl. can (s)	In 18 feet.
Old Harbor Buoy 4	Red; 2d-cl. nun (s)	In 18 feet.
Squantum Channel Buoy 1	Black; 3d-cl. can (s)	In 12 feet.
Squantum Channel Buoy	Red and black horizontal bands; 3d-cl. nun (s).	In 12 feet.
Farm Point Shoal Buoy 5	Black; 2d-cl. can (s)	In 18 feet.
Squantum Point Buoy 7	Black; 2d-cl. can (s)	In 18 feet.
NEPONSET RIVER		
Tilston Flats Buoy 9	Black; 2d-cl. can (s)	In 8 feet. Mark 15-foot channel, 100 feet wide.
Chatman Point Flats Buoy 11	Black; 2d-cl. can (s)	
Minots Point Flats Buoy 8	Red; 2d-cl. nun (s)	
Woods Point Flats Buoy 10	Red; 2d-cl. nun (s)	

Name; mark on aid	Description	Location—Depth
DORCHESTER BAY		
Squantum Channel Buoy 3	Black; 3d-cl. can (s)	In 12 feet.
Squantum Channel Buoy 2	Red; 3d-cl. nun (s)	In 12 feet.
Squantum Channel Buoy 5	Black; 3d-cl. can (s)	In 12 feet.
Squantum Channel Buoy 7	Black; 3d-cl. can (s)	In 12 feet.
CALF PASTURE CHANNEL		
Calf Pasture Channel Buoy 2	Red; 2d-cl nun (s)	At entrance to Pumping Station and Bay State Gas Co.'s channel. In 15 feet.
SPECTACLE ISLAND CHANNEL		
Long Island Wharf Rock Buoy 1	Black; 2d-cl. spar	In 10 feet.
Sculpin Ledge Buoy 2	Red; 2d-cl. spar	In 12 feet.
THOMPSON ISLAND CHANNEL		
Long Island Shoal Southwest Part Buoy 2.	Red; 2d-cl. spar	In 18 feet
Long Island Rock West End Buoy 4.	Red; 3d-cl. spar	In 12 feet.
Sculpin Ledge Buoy 2	Red; 2d-cl. spar	In 12 feet.
Spectacle Island South Spit Buoy 6.	Red; 3d-cl. spar	In 12 feet.
Thompson Island East Buoy 1	Black; 3d-cl. spar	Marks rocks off east end of Thompson Island. In 15 feet.
OLD HARBOR		
Boston Yacht Club Anchorage Buoy A.	White; flag on barrel	In 9 feet. Maintained from Apr. 1 to Nov. 1 by Boston Yacht Club.
Boston Yacht Club Anchorage Buoy B.	White; flag on barrel	
Boston Yacht Club Anchorage Buoy C.	White; flag on barrel	
QUINCY BAY		
Sunken Ledge Beacon	Black; cage on staff, on open-work granite base.	
Hangmans Island Ledge Beacon	Black; cask on end, on iron spindle.	On ledge southwest of island.
Squantum Yacht Club Buoy A	White circular daymark on cask.	In 8 feet. Maintained by Squantum Yacht Club from May 15 to Sept. 30.
Squantum Yacht Club Buoy B	White circular daymark on cask.	In 18 feet. Maintained by Squantum Yacht Club from May 15 to Sept. 30.
Squantum Yacht Club Buoy C	White circular daymark on cask.	In 7 feet. Maintained by Squantum Yacht Club from May 15 to Sept. 30.
Wollaston Channel Buoy 1	Black; 3d-cl. can (s)	In 7 feet.
Wollaston Channel Buoy 2	Red; 3d-cl. nun (s)	In 7 feet.
Wollaston Channel Buoy 3	Black; 3d-cl. can (s)	In 7 feet.
Wollaston Channel Buoy 4	Red; 3d-cl. nun (s)	In 7 feet.
PEDDOCKS ISLAND CHANNEL		
Peddocks Island Channel Buoy 1	Black; 2d-cl. can (s)	In 24 feet.
Peddocks Island Channel Buoy 3	Black; 2d-cl. can (s)	In 24 feet.
Wreck Rock Buoy 4	Red; 2d-cl. nun (s)	In 8 feet.

Name; mark on aid	Description	Location—Depth
PEDDOCKS ISLAND CHANNEL		
Peddocks Island Channel Buoy 6	Red; 2d-cl. nun (s)	Marks 17-foot ledge. In 21 feet.
Peddocks Island Channel Buoy 8	Red; 2d-cl. nun (s)	In 24 feet.
HOUGHS NECK CHANNEL		
Houghs Neck Channel Buoy 1	Black; 3d-cl. can (s)	At entrance to dredged channel to wharves at Neck. In 6 feet.
Houghs Neck Channel Buoy 2	Red; 3d-cl. nun (s)	
WEYMOUTH FORE RIVER		
Fore River Channel Buoy 2	Red; 2d-cl. nun (s)	In 24 feet.
Lower Neck Shoal Buoy	Red and black horizontal bands; 2d-cl. can (s).	Leave on port hand entering. In 21 feet.
Fore River Channel Buoy 3	Black; 2d-cl. can (s)	Off northwest side of Jackknife Ledge. In 24 feet. Alongside Fore River Channel Light 4.
Fore River Channel Buoy 4	Red; 2d-cl. nun (s)	In 24 feet.
Fore River Channel Buoy 6	Red; 2d-cl. nun (s)	In 21 feet.
Fore River Channel Buoy 5	Black; 2d-cl. can (s)	In 18 feet.
Fore River Channel Buoy 8	Red; 2d-cl. nun (s)	In 24 feet.
Fore River Channel Buoy 10	Red; 2d-cl. nun (s)	In 24 feet.
Cities Service Dolphin	Black; 4-pile dolphin, cask on end.	In 15 feet. Pig Rocks Light 25° 5,500 yards. 15 feet high. Maintained by Cities Service Refining Co.
TOWN RIVER		
Town River Bay Buoy 1	Black; 3d-cl. can (s)	In 18 feet.
Town River Bay Buoy 2	Red; 3d-cl. nun (s)	In 8 feet.
Town River Bay Buoy 3	Black; 3d-cl. can (s)	In 12 feet.
Town River Bay Buoy 4	Red; 3d-cl. nun (s)	In 12 feet.
SPIERS STAND		
Spiers Stand North End Buoy 1	Black; 3d-cl. can (s)	In 3 feet.
Spiers Stand South End Buoy 2	Red; 3d-cl. nun (s)	In 2 feet.
NANTASKET GUT		
Nantasket Gut Buoy 2	Red; 2d-cl. tall run	In 27 feet.
HINGHAM BAY		
Sixteen-Foot Spot Buoy 1	Black; 2d-cl. can (s)	Marks passage between east side of Peddocks Island and 16 foot spot. In 24 feet.
Grape Island Flats Buoy 3	Black; 2d-cl. can (s)	In 9 feet.
Sheep Island Buoy 2	Red; 2d-cl. nun (s)	In 9 feet
WEYMOUTH BACK RIVER		
Lower Neck Shoal Buoy	Red and black horizontal bands; 2d-cl. can (s).	In 21 feet.
Grape Island Buoy 1	Black; 3d-cl. can (s)	In 10 feet.
Lower Neck Point Buoy 4	Red; 3d-cl. nun (s)	In 10 feet.
Flats Buoy 3	Black; 3d-cl. can (s)	Off flats north of Hewitts Cove. In 10 feet.
Opposite Hewitts Cove Buoy 6	Red; 3d-cl. nun (s)	In 10 feet.
Fertilizer Point Buoy 8	Red; 3d-cl. nun (s)	In 10 feet.
Weymouth Back River Buoy 5	Black; 3d-cl. can (s)	In 18 feet.
Weymouth Back River Buoy 7	Black; 3d-cl. can (s)	In 18 feet.
Weymouth Back River Buoy 10	Red; 3d-cl. nun (s)	In 15 feet.

Name; mark on aid	Description	Location—Depth
WEYMOUTH BACK RIVER		
Weymouth Back River Buoy 9	Black; 3d-cl. can (s)	In 18 feet.
Weymouth Back River Buoy 12	Red; 3d-cl. nun (s)	In 18 feet.
HINGHAM CHANNEL		
Bumkin Island Buoy 3	Black; 1st-cl. can. Spar buoy substituted in winter.	Off west point of island. In 12 feet.
Crow Point Flats East Buoy 2	Red; 2d-cl. nun (s)	In 18 feet.
White Head Flats Buoy 5	Black; 2d-cl. can (s)	In 12 feet.
Channel Rock Buoy 7	Black; 3d-cl. can (s)	Off northwest side of Rocks, Hingham Harbor. In 9 feet.
HULL HARBOR		
Inner Seal Rock Buoy 1	Black; 3d-cl. can (s)	In 10 feet.
Outer Seal Rock Buoy 2	Red; 3d-cl. nun (s)	In 9 feet.
COHASSET HARBOR		
BRUSH ISLAND CHANNEL		
Black Ledge Buoy 2 BL	Red; 2d-cl. nun (s)	In 10 feet.
Chittenden Rock Buoy 1 CR	Black; 2d-cl. can (s)	In 18 feet.
Brush Ledge Buoy 4	Red; 3d-cl. nun (s)	In 10 feet.
Barrel Rock Beacon	Red and black horizontal bands; cask on iron spindle.	
Sutton Rocks Buoy 6	Red; 3d-cl. nun (s)	In 10 feet.
Little Quamino Rock Buoy	Red and black horizontal bands; 3d-cl. can (s).	In 10 feet.
MAIN CHANNEL		
Cohasset Channel Buoy 3	Black; 3d-cl. can (s)	In 6 feet.
Cohasset Channel Buoy 5	Black; 3d-cl. can (s)	In 6 feet.
Cohasset Channel Buoy 7	Black; 3d-cl. can (s)	In 6 feet.
Cohasset Channel Buoy 9	Black; 3d-cl. can (s)	In 6 feet.
HOGSHEAD ROCK CHANNEL		
Hogshead Rock Bell Buoy 1	Black. Spar station buoy.	In 30 feet. Bell buoy maintained from June 1 to Oct. 1.
The Grampuses Buoy 2	Red; 2d-cl. nun (s)	Off northeast side of ledge. In 24 feet.
East Shag Rock Buoy 1, ESR	Black; 2d-cl. can (s)	In 25 feet.
Jack Rock Buoy 3	Black; 3d-cl. can (s)	In 15 feet.
ENOS LEDGE CHANNEL		
Enos Ledge Buoy 2 EL	Red; 2d-cl. nun (s)	In 21 feet.
West Willies Buoy 1	Black; 2d-cl. can (s)	In 21 feet.
SOUTH CHANNEL		
Tobias Rock Beacon	Black; ✚ on iron spindle	
SCITUATE HARBOR		
Scituate Bell Buoy 2 A	Red	0.5 mile 87° from Scituate Breakwater Light. In 33 feet.
Scituate Unused Lighthouse	White; tower	On Cedar Point, east side of harbor. Maintained by town of Scituate.
Scituate Channel Buoy 1	Black; 2d-cl. can (s)	In 12 feet.

Name; mark on aid	Description	Location—Depth
SCITUATE HARBOR		
Scituate Channel Buoy 2	Red; 2d-cl. nun (s)	In 12 feet.
Scituate Channel Buoy 3	Black; 3d-cl. can (s)	In 9 feet.
Scituate Channel Buoy 4	Red; 3d-cl. nun (s)	In 9 feet.
Scituate Channel Buoy 5	Black; 3d-cl. can (s)	In 9 feet.
Scituate Channel Buoy 6	Red; 3d-cl. nun (s)	In 9 feet.
Scituate Channel Buoy 7	Black; 3d-cl. can (s)	In 9 feet.
Scituate Channel Buoy 8	Red; 3d-cl. nun (s)	In 9 feet.
Scituate Channel Buoy 9	Black; 3d-cl. can (s)	In 9 feet.
Scituate Channel Buoy 10	Red; 3d-cl. nun (s)	In 9 feet.
Scituate Channel Buoy 12	Red; 3d-cl. nun (s)	In 9 feet.
Scituate Channel Buoy 11	Black; 3d-cl. can (s)	In 9 feet.
NORTH RIVER		
New Inlet Bell Buoy	Black and white vertical stripes.	Off entrance to inlet and North River. In 36 feet.
North River Buoy 2	Red; 4th-cl. spar	In 7 feet. Maintained by Boston Sand & Gravel Co.
North River Buoy 4	Red; 4th-cl. spar	
North River Buoy 6	Red; 4th-cl. spar	
North River Buoy 8	Red; 4th-cl. spar	
North River Buoy 10	Red; 4th-cl. spar	
Bartlett Rock Buoy 2	Red; 2d-cl. nun (s)	Off entrance to Green Harbor. In 21 feet.

CAPE COD BAY

Off Plymouth Whistle Buoy	Black and white vertical stripes.	5⅞ miles 75½° from Plymouth Lighthouse. In 132 feet.
Farnham Rock Buoy 6	Red; 1st-cl. spar	Northeast from rock. In 29 feet.
Howland Ledge Buoy 8	Red; 2d-cl. nun (s)	In 15 feet.
High Pine Ledge Buoy 10	Red; 2d-cl. nun (s)	In 15 feet.
PLYMOUTH BAY		
Gurnet Point Bell Buoy	Black and white vertical stripes.	In 60 feet.
Gurnet Rock Buoy 2	Red; 2d-cl. nun (s)	In 18 feet.
Browns Bank East End Buoy 1	Black· 2d-cl. tall can	Off end of shoal; dry in places at low tide. In 24 feet.
Bass Rock Buoy 4	Red; 2d-cl. nun (s)	About 0.1 mile southeast of rock. In 18 feet.
Plymouth Main Channel Buoy 6	Red; 2d-cl. nun (s)	In 18 feet.
Browns Bank West Buoy 5	Black; 2d-cl. can (s)	On edge of flats. In 18 feet.
DUXBURY BAY		
Duxbury Channel Buoy 1	Black; 2d-cl. can (s)	Marks entrance to Cowyard. In 18 feet.
Old Pier Beacon	Red cask on bilge on iron spindle.	Shoal is dry at low water, 110 yards 327° from Duxbury Pier Lighthouse. Maintained from June 15 to Sept. 15 by Duxbury Yacht Club.

Name; mark on aid	Description	Location—Depth
DUXBURY BAY		
Duxbury Channel Buoy 1	Black; oil drum on bilge	In 12 feet. Maintained from June 15 to Sept. 1, by Duxbury Yacht Club.
Duxbury Channel Buoy 2	Red; oil drum on bilge	
Duxbury Channel Buoy 3	Black; oil drum on bilge	
Duxbury Channel Buoy 4	Red; oil drum on bilge	
Duxbury Channel Buoy 6	Red; oil drum on bilge	
Duxbury Channel Buoy 8	Red; oil drum on bilge	
Race Buoy 1	White tripod	
Race Buoy 2	White tripod	
Race Buoy 3	White tripod	
Race Buoy 4	White tripod	
Race Buoy A	White tripod	In 6 feet. Maintained from June 15 to Sept. 1, by Duxbury Yacht Club.
Race Buoy B	White tripod	In 6 feet
Race Buoy C	White tripod	In 6 feet
Race Buoy X	White barrel	In 12 feet
Race Buoy Y	White barrel	In 12 feet
Race Buoy Z	White barrel	In 12 feet
NORTH PLYMOUTH ENTRANCE		
Dredged Channel Entrance Buoy	Red and black horizontal bands; 2d-cl. nun (s).	In 18 feet.
Nummet Buoy 2	Red; 2d-cl. nun (s)	In 19 feet.
Junction Buoy	Red and black horizontal bands; 2d-cl. nun (s).	In 19 feet.
Cordage Channel Buoy 1	Black; 1st-cl. spar	In 6 feet. Mark 18-foot dredged channel to wharf of Plymouth Cordage Co. Maintained by Plymouth Cordage Co., North Plymouth, Mass.
Cordage Channel Buoy 3	Black; 3d-cl. spar	In 19 feet
Cordage Channel Buoy 5	Black; 3d-cl. spar	In 19 feet
Cordage Channel Buoy 7	Black; 3d-cl. spar	In 19 feet
Cordage Channel Buoy 9	Black; 3d-cl. spar	In 19 feet
Cordage Channel Buoy 11	Black; 3d-cl. spar	In 19 feet
Cordage Channel Buoy 13	Black; 1st-cl. spar	In 8 feet
PLYMOUTH HARBOR		
Plymouth Channel Buoy 2	Red; 2d-cl. nun (s)	In 18 feet.
Plymouth Channel Buoy 9	Black; 2d-cl. can (s)	In 18 feet.
Plymouth Channel Buoy 11	Black; 2d-cl. can (s)	In 18 feet.
Plymouth Channel Buoy 4	Red; 2d-cl. nun (s)	In 18 feet. Red reflectors.
Pierhead Beacon	Black; cage on staff, on openwork granite pyramid.	Near end of Long Beach.
Plymouth Channel Buoy 13	Black; 2d-cl. can (s)	In 18 feet.
Plymouth Channel Buoy 6	Red; 2d-cl. nun (s)	In 18 feet.
Plymouth Channel Buoy 15	Black; 2d-cl. can (s)	In 18 feet.
Plymouth Channel Buoy 8	Red; 2d-cl. nun (s)	In 18 feet.

Name; mark on aid	Description	Location—Depth
PLYMOUTH HARBOR		
Plymouth Channel Buoy 17	Black; 2d-cl. can (s)	In 18 feet.
Plymouth Channel Buoy 10	Red; 2d-cl. nun (s)	In 18 feet.
Plymouth Channel Buoy 19	Black; 2d-cl. can (s)	In 18 feet.
Plymouth Channel Buoy 12	Red; 2d-cl. nun (s)	In 15 feet.
Plymouth Channel Buoy 21	Black; 2d-cl. can (s)	In 15 feet.
Plymouth Channel Buoy 23	Black; 3d-cl. can (s)	In 15 feet
CAPE COD CANAL APPROACH		
Mary Ann Rocks Whistle Buoy, 12.	Red; conical	In 66 feet. Off Manomet Point.
Canal Entrance Bell Buoy 1	Black	In 39 feet.
Canal Entrance Buoy 3	Black; 2d-cl. can (s)	Off end of south jetty. In 18 feet.
Canal Entrance Beacon 3	Black 5-pile dolphin	In 12 feet alongside preceding; 13 feet high, prismatic reflectors.
BARNSTABLE HARBOR		
Barnstable Bar Buoy 2	Red; 2d-cl. nun (s)	In 21 feet.
Yarmouth Flats Buoy 1	Black; 2d-cl. can (s)	In 12 feet.
Sandy Neck Beacon	White skeleton tower	West side of entrance to Barnstable Harbor. 45 feet high.
Horseshoe Buoy 3	Black; 2-cl can (s)	Off shoal. In 12 feet.
Horseshoe Shoal Buoy 5	Black; 3d-cl. can (s)	In 8 feet.
Mussel Shoal Buoy 4	Red; 3d-cl. nun (s)	In 8 feet.
Church Rock Buoy 7	Black; 3d-cl. can (s)	In 6 feet.
WELLFLEET HARBOR		
Billingsgate Shoal Buoy 1	Black; 2d-cl. can; spar station buoy.	In 18 feet.
Billingsgate Flat Buoy 3	Black; 2d-cl. can (s)	In 18 feet.
Middle Ground South Buoy 2	Red; 3d-cl. nun (s)	In 12 feet.
Middle Ground North Buoy 4	Red; 3d-cl. nun (s)	In 15 feet.
Smalley Bar Buoy 5	Black; 3d-cl. can (s)	In 12 feet.
PROVINCETOWN HARBOR		
Trial Course Buoy A	White; 1st-cl. tall can	In 154 feet. U. S. Navy trial course. In fairway from Race Point to Provincetown Harbor; masters of vessels must keep clear of these buoys.
Trial Course Buoy B	White; 1st-cl. tall can	In 161 feet.
Trial Course Buoy C	White; 1st-cl. tall can	In 151 feet.
Trial Course Buoy D	White; 1st-cl. tall can	In 110 feet.
Shank Painter Bar Buoy 1	Black; 2d-cl. can (s)	On west side of bar. In 24 feet.
Wood End Bell Buoy 1 A	Black	In 132 feet.
Submarine Trial Course Buoy AA.	White; 1st-cl. can	In 120 feet. Maintained by U. S. Navy.
Submarine Trial Course Buoy BB.	White; 1st-cl. can	In 105 feet.
Submarine Trial Course Buoy CC.	White; 2d-cl. can	In 23 feet.
Long Point Shoal Bell Buoy 3	Black; spar buoy substituted when ice runs.	In 24 feet.

Name; mark on aid	Description	Location—Depth
Chatham Bar Buoy 2	Red; 1st-cl. nun	About 1 mile seaward of bar. In 60 feet.
Chatham Bar Buoy	White and black vertical stripes; 2d-cl. can.	Marks entrance to channel over bar. Channel changes frequently. In 30 feet.

NANTUCKET SOUND

POLLOCK RIP CHANNEL		
Bearse Shoal North End Buoy 2 A.	Red; 1st-cl. tall nun	On east side of north end of shoal. In 20 feet.
Bearse Shoal Buoy 4	Red; 1st-cl. tall nun; spar station buoy.	On north side and at inner end of dredged channel, about 1,150 yards 248° from lighted bell buoy No. 2. In 30 feet.
Bearse Shoal Buoy 8	Red; 1st-cl. tall nun; spar station buoy.	On salient of shoal, about 1,050 yards 262° from lighted buoy No. 6. In 30 feet.
Bearse Shoal Buoy 10	Red; 1st-cl. nun	0.8 mile 139° from Monomoy Point unused lighthouse. In 30 feet.
Shovelful Shoal Buoy 12	Red; 2d-cl. tall nun	In 33 feet.
Stone Horse Shoal Buoy 11	Black; 2d-cl. can	Off west end of shoal. In 40 feet.
Shovelful Shoal Buoy 14	Red; 2d-cl. tall nun	Off southwest point of shoal. In 60 feet.
Handkerchief Shoal Buoy 16	Red; 2d-cl. tall nun. Spar station buoy.	Off southwest part of Handkerchief Shoal. In 26 feet.
POLLOCK RIP SLUE		
Pollock Rip Broken Part North End Buoy 1.	Black; 2d-cl. can	In 18 feet.
Pollock Rip Buoy 2 C	Red; 1st-cl. nun	In 24 feet.
Monomoy Point unused lighthouse.	Red tower, covered way to white dwelling.	On south end of Cape Cod.
MAIN CHANNEL		
Tuckernuck Shoal Bell Buoy 7	Black. Spar station buoy. Bell buoy removed when endangered by ice.	In 21 feet.
Cross Rip Buoy 9	Black; 2d-cl. spar	On northeast part of shoal. In 24 feet.
Norton Shoal Northeast Buoy 11 A.	Black; 1st-cl. spar	In 36 feet.
Norton Shoal Buoy 11	Black; 2d-cl. can. Spar buoy substituted in winter.	On northwest end of shoal. In 21 feet.
Horseshoe Shoal West Part South End Buoy 14.	Red; 1st-cl. nun (s)	In 22 feet.
Hawes Shoal North Part Buoy 13	Black; 2d-cl. can (s)	On northwest part of shoal. In 18 feet.
Cape Poge Flats Buoy 15	Black; 2d-cl. can (s)	In 18 feet.
Cape Poge Flats Bell Buoy 15 A	Black	3,000 yards 31½° from Cape Poge Lighthouse. In 24 feet. Maintained from May 1 to Oct. 30, each year.
Outer Flats Bell Buoy 17	Black. Spar buoy substituted in winter.	In 18 feet. White reflectors.
Hedge Fence East End Buoy	Red and black horizontal bands; 1st-cl. spar.	In 30 feet.
Squash Meadow East End Bell Buoy 19.	Black. Spar station buoy. Bell buoy removed when ice runs.	In 22 feet.
Squash Meadow West End Buoy 21.	Black; 2d-cl. can. Spar buoy substituted in winter.	In 22 feet.

Name; mark on aid	Description	Location—Depth
MAIN CHANNEL		
East Chop Flats Bell Buoy 23	Black; bell buoy removed when endangered by ice. Spar station buoy.	Off shoal, east entrance to Vineyard Haven. In 22 feet. White reflectors.
Hedge Fence West End Buoy	Red and black horizontal bands; 2d-cl. tall nun. Spar buoy substituted in winter.	In 22 feet.
West Chop Buoy 25	Black; 1st-cl. spar	In 24 feet.

VINEYARD SOUND

Middle Ground East End Buoy	Red and black horizontal bands; 2d-cl. can.	In 20 feet.
Nobska Point Bell Buoy 18	Red. Spar buoy substituted when endangered by running ice.	50 yards south of lighted buoy. In 70 feet.
Lucas Shoal Buoy	Red and black horizontal bands; 2d-cl. tall can. Spar in winter.	In 48 feet.
Devils Bridge Bell Buoy 27	Black	Off end of shoal, making out nearly 1 mile from land. In 30 feet.
Vineyard Sound Whistle Buoy, "VINEYARD SOUND."	Black and white vertical stripes; conical.	Off southwest entrance to sound. In 115 feet.

NANTUCKET SOUND

GREAT ROUND SHOAL CHANNEL		
Rose and Crown Buoy 1 R C	Black; 1st-cl. can	Off northeast point of shoal. In 42 feet.
McBlair Shoal Buoy 1	Black; 2d-cl. tall can	In 54 feet.
Great Round Shoal Buoy 2	Red; 1st-cl. tall nun	Off south end of shoals. In 30 feet.
McBlair Shoal Buoy 3	Black; 2d-cl. tall can	In 36 feet.
McBlair Shoal Buoy 5	Black; 2d-cl. tall can	In 36 feet.
McBlair Shoal West Buoy 7	Black; 1st-cl. can	In 50 feet.
Fifteen-Foot Shoal Buoy 9	Black; 2d-cl. can	East of north end of shoal. In 45 feet.
Point Rip Shoal Buoy 11	Black; 1st-cl. spar	About 0.5 mile east of Point Rip. In 19 feet.
Point Rip Buoy 13	Black; 1st-cl. spar	Off north part of outer shoal. In 25 feet.
NORTH SIDE		
Bishop and Clerks Buoy 12	Red; 2d-cl. nun(s)	Off south end of Bishop and Clerks. In 20 feet.
Bishop and Clerks Bell Buoy 1	Black; 2d-cl. spar station buoy.	Off northeast part of Bishop and Clerks. In 16 feet. Bell buoy removed when ice runs.
Horseshoe Northwest Part Buoy 9	Black; 1st-cl. can (s)	In 24 feet.
Wreck Shoal Buoy 16	Red; 1st-cl. nun (s)	Off east point of shoal. In 45 feet.
Eldridge Shoal Buoy 11	Black; 1st-cl. can (s)	Off north part of shoal. In 18 feet.
Wreck Shoal West Buoy 18	Red; 1st-cl. nun (s)	Off west end shoal. In 27 feet.
Small Shoal Buoy	Red and black horizontal bands; 1st-cl. can (s)	Off north end of shoal. In 18 feet.
L'Hommedieu East End Buoy 13	Black; 1st-cl. can (s)	In 18 feet.
L'Hommedieu West End Buoy 15	Black; 1st-cl. can (s)	In 24 feet.

Name; mark on aid	Description	Location—Depth
NORTH SIDE		
Davis Neck Shoal Buoy 20	Red; 1st-cl. nun (s)	In 21 feet.
New Shoal Buoy 19	Black; 2d-cl. can. Spar buoy substituted in winter.	On west end of shoal and west of L'Hommedieu Shoal. In 24 feet.
Thirteen-Foot Spot Buoy	Red and black horizontal bands; 2d-cl. nun.	East of Nobska Point. In 13 feet.
Nobska Point Ledge Buoy 22	Red; 1st-cl. nun (s)	Off east side of ledge, making off from lighthouse. In 24 feet
NORTHEAST END		
Handkerchief Shoal Buoy 7	Black; 2d-cl. can (s)	On northwest point shoal. In 20 feet.
Kill Pond Bar Buoy	Red and black horizontal bands; 2d-cl. nun (s).	Off southeast end of shoal. In 27 feet.
OFF HYANNIS AND CENTERVILLE		
Hallets Rock Buoy	Red and black horizontal bands; 2d-cl. nun (s).	On east side of rock. In 20 feet.
Gazelle Rock Buoy 2 A	Red; 3d-cl. nun (s)	In 18 feet.
Colliers Ledge Beacon	Red; lattice cage on cubical structure, on square wooden base.	
Horseshoe Northwest Part Buoy 9	Black; 1st-cl. spar	In 24 feet.

ATLANTIC COAST

Cultivator Shoal Whistle Buoy 1 C S.	Black; conical	About 1 mile north of center of 3-fathom spot. In 31 feet. Lat. 41° 40′ 15″ N., Long. 68° 12′ 00″ W.
Fishing Buoy 2	Red; 1st-cl. nun	About 2½ miles northeast of Davis South Shoal.
Davis South Shoal West Buoy	Red and black horizontal bands; 1st-cl. can	In 48 feet

NANTUCKET SOUND

MUSKEGET CHANNEL		
Wasque Shoal Buoy 1	Black; 1st-cl. can	Marks south end of shoal. In 20 feet.
Tom Shoal Buoy 3	Black; 2d-cl. can (s)	In 18 feet.
Hawes Shoal Southwest Part Buoy 4.	Red; 2d-cl. nun (s)	In 15 feet.
NANTUCKET HARBOR AND APPROACH		
Quahaug Buoy 6 M	White; 1st-cl. spar	On north edge of red sector of and 3.3 miles from Great Point Light. In 39 feet. (Maintained by the town of Nantucket, Mass.)
Quahaug Buoy 7 M	White; 1st-cl. spar	2.5 miles 320° from entrance to Nantucket Harbor. In 42 feet. (Maintained by the town of Nantucket, Mass.)
Quahaug Buoy 8 M	White; 1st-cl. spar	3.7 miles 299° from entrance to Nantucket Harbor. In 45 feet. (Maintained by the town of Nantucket, Mass.)
Quahaug Buoy 9 M	White; 1st-cl. spar	On Tuckernuck Shoal, about 8.3 miles 298° from entrance to Nantucket Harbor. In 18 feet. (Maintained by the town of Nantucket, Mass.)
Racing Buoy A	Black and white spar with horizontal bands.	6,100 yards 294° from Brant Point Lighthouse. In 20 feet. Maintained by The Nantucket Yacht Club.
Racing Buoy B	Black and white spar with horizontal bands.	4,200 yards 211½° from Nantucket Lighthouse. In 46 feet. Maintained by The Nantucket Yacht Club.

Name; mark on aid	Description	Location—Depth
NANTUCKET HARBOR		
Nantucket Bar Bell Buoy	Black and white vertical stripes; white reflector removed when endangered by ice. Spar station buoy.	On Nantucket Harbor Range line. In 28 feet.
Nantucket Channel Buoy 1	Black; 2d-cl. can (s)	In 10 feet.
Nantucket Channel Buoy 2	Red; 2d-cl. nun (s)	In 12 feet.
Nantucket Channel Buoy 4	Red; 2d-cl. nun (s)	In 18 feet.
Nantucket Channel Buoy 3	Black; 2d-cl. can (s)	In 10 feet.
Nantucket Channel Buoy 5	Black; 2d-cl. can (s)	In 7 feet.
Nantucket Channel Buoy 6	Red; 2d-cl. nun (s)	In 8 feet.
Nantucket Channel Buoy 7	Black; 2d-cl. can (s)	In 12 feet. White reflectors.
Nantucket Channel Buoy 8	Red; 2d-cl. nun (s)	In 18 feet.
Nantucket Channel Buoy 10	Red; 2d-cl. nun (s)	In 18 feet.
Nantucket Channel Buoy 9	Black; 2d-cl. can (s)	On west part of shoal. In 11 feet.
Nantucket Channel Buoy 11	Black; 2d-cl. can (s)	In 15 feet.
Nantucket Beacon	White cask on unpainted pile dolphin.	Marks end of sunken pier. Maintained by New Bedford, Marthas Vineyard, and Nantucket Steamboat Co., New Bedford, Mass.
STAGE HARBOR		
Stage Harbor Beacon	White iron tower	On northeast side of Chatham Roads. 48 feet high.
Stage Harbor Buoy 2	Red; 3d-cl. nun (s)	Off Common Flats dry at low water. In 20 feet.
Mid Channel Buoy	Black and white vertical stripes; 3d-cl. nun (s).	In 22 feet.
Stage Harbor Buoy 4	Red; 3d-cl. nun (s)	On north edge of flat. In 5 feet.
Stage Harbor Buoy 6	Red; 3d-cl. nun (s)	On northeast part of flats. In 6 feet.
Stage Harbor Buoy 1	Black; 3d-cl. can (s)	In 6 feet.
Stage Harbor Buoy 8	Red; 3d-cl. nun (s)	Marks edge of flats making out from South Morris Island. In 6 feet.
Stage Harbor Buoy 3	Black; 3d-cl. can (s)	On flats making off from Beach Point. In 5 feet.
Stage Harbor Buoy 5	Black; 3d-cl. can (s)	Marks edge of flats making out from Beach Point. In 6 feet.
Stage Harbor Buoy 10	Red; 3d-cl. nun (s)	In 6 feet. Mark edge of flats making off from Morris Island.
Stage Harbor Buoy 12	Red; 3d-cl. nun (s)	
Mitchells River Buoys 1	Black; 4th-cl. spar	In 6 feet. Maintained from Mar. 15 to Dec. 15 by the town of Chatham.
2	Red; 4th-cl. spar	
3	Black; 4th-cl. spar	
4	Red; 4th-cl. spar	
5	Black; 4th-cl. spar	
6	Red; 4th-cl. spar	
7	Black; 4th-cl. spar	
8	Red; 4th-cl. spar	
9	Black; 4th-cl. spar	
10	Red; 4th-cl. spar	
11	Black; 4th-cl. spar	
12	Red; 4th-cl. spar	
13	Black; 4th-cl. spar	
14	Red; 4th-cl. spar	
16	Red; 4th-cl. spar	
18	Red; 4th-cl. spar	

Name; mark on aid	Description	Location—Depth
BASS RIVER		
Bass River Channel Buoy 1	Black steel barrel	In 5 feet. Maintained by Bass River Yacht Club from Apr. 1 to Jan. 1.
Bass River Channel Buoy 2	Red steel barrel	In 5 feet. Maintained by Bass River Yacht Club from Apr. 1 to Jan. 1.
HYANNIS HARBOR		
Southwest Ground Buoy 1	Black; 2d-cl. can (s)	On southeast end of shoal. In 16 feet.
Gardiners Rock Buoy 2	Red; 2d-cl. nun (s)	On east side of channel. In 15 feet.
Great Rock Beacon	Red; cage on iron spindle	On edge of flats making off west from Point Gammon.
Hyannis Flat Buoy 4	Red; 3d-cl. nun (s)	Marks flats on east side of harbor. In 12 feet.
Southwest Rock Beacon	Red; barrel on end on iron spindle.	
LEWIS BAY		
Lewis Bay Channel Buoy 4	Red; 3d-cl. nun (s)	In 9 feet.
Lewis Bay Channel Buoy 1	Black; 3d-cl. can (s)	In 9 feet.
Lewis Bay Channel Buoy 3	Black; 3d-cl. can (s)	In 9 feet.
Lewis Bay Channel Buoy 6	Red; 3d-cl. nun (s)	In 9 feet.
Lewis Bay Channel Buoy 5	Black; 3d-cl. can (s)	In 8 feet.
Lewis Bay Channel Buoy 7	Black; 3d-cl. can (s)	In 9 feet.
Lewis Bay Channel Buoy 8	Red; 3d-cl. nun (s)	In 9 feet.
Lewis Bay Buoy 7	Black; 4th-cl. spar	In 9 feet. Maintained by the town of Barnstable.
Lewis Bay Buoy 9	Black; 4th-cl. spar	In 9 feet. Maintained by the town of Barnstable.
Lewis Bay Buoy 11	Black; 4th-cl. spar	In 9 feet. Maintained by the town of Barnstable.
Lewis Bay Buoy 10	Red; 4th-cl. spar	In 9 feet. Maintained by the town of Barnstable.
Lewis Bay Buoy 13	Black; 4th-cl. spar	In 9 feet. Maintained by the town of Barnstable.
Lewis Bay Buoy 12	Red; 4th-cl. spar	In 9 feet. Maintained by the town of Barnstable.
Lewis Bay Buoy 15	Black; 4th-cl. spar	In 9 feet. Maintained by the town of Barnstable.
CENTERVILLE HARBOR		
Hodges Rock Buoy	Red and black horizontal bands; 2d-cl. nun (s).	In 18 feet.
Gallatin Rock Buoy 1	Black; 3d-cl. can (s)	In 13 feet.
Bearse Rock Buoy 2	Red; 3d-cl. nun (s)	In 12 feet.
Channel Rock Buoy	Red and black horizontal bands; 3d-cl. can (s).	In 12 feet.
Gannet Ledge Buoy 4	Red; 3d-cl. nun (s)	In 12 feet.
Spindle Rock Buoy 6	Red; 3d-cl. nun (s)	In 12 feet.
COTUIT ANCHORAGE		
Lone Rock Buoy	Red and black horizontal bands; 3d-cl. can (s).	In 15 feet.
Cotuit Rock Buoy	Red and black horizontal bands; 3d-cl. nun (s).	In 14 feet.
Dead Neck Shoal South Part Buoy 2.	Red; 3d-cl. nun (s)	In 18 feet.

Name; mark on aid	Description	Location—Depth
COTUIT ANCHORAGE		
Cotuit Flats Buoy 1	Black; 3d-cl. can (s)	In 8 feet.
Dead Neck Shoal North Part Buoy 4.	Red; 3d-cl. nun (s)	In 8 feet.
EDGARTOWN HARBOR		
Stony Point Flats Buoy 1	Black; 2d-cl. can (s)	In 22 feet.
Edgartown Channel Buoy 2	Red; 2d-cl. nun (s)	In 27 feet.
Spindle Rock Beacon	Red; circular cage on iron spindle.	
Edgartown Channel Buoy 4	Red; 2d-cl. nun (s)	In 18 feet. Red reflectors.
Sturgeon Flats Buoy 3	Black; 2d-cl. can (s)	In 22 feet.
Edgartown Channel Buoy 6	Red; 2d-cl. nun (s)	On spit making off from lighthouse. In 51 feet. Red reflectors.
Chappaquiddick Flats West End Buoy 5.	Black; 3d-cl. can (s)	In 12 feet.
Middle Ground Buoy	Red and black horizontal bands; 3d-cl. can (s).	In 12 feet.
OAK BLUFFS HARBOR		
School-Ship Buoy	Red and black horizontal bands; 2d-cl. can (s).	In 15 feet.
Lone Rock Buoy 1	Black; 3d-cl. can (s).	In 15 feet.
Rhode Island Rock Buoy 2	Red; 3d-cl. nun (s)	In 15 feet.
VINEYARD HAVEN		
Low Point Flats Bell Buoy 2	Red. Spar buoy substituted when endangered by ice.	In 30 feet.
Great Rock Buoy 4	Red; 2d-cl. nun (s)	In 21 feet.
West Chop Flats Buoy 6	Red; 2d-cl. nun (s)	In 21 feet.
Canal Flats Buoy 1	Black; 2d-cl. can (s)	In 14 feet
Harbor Flats Buoy 8	Red; 2d-cl. nun (s)	In 14 feet.

VINEYARD SOUND

WOODS HOLE		
LITTLE HARBOR		
Coffin Rock Buoy 1	Black; 2d-cl. can (s)	In 18 feet.
Woods Hole Channel Buoy 2	Red; 2d-cl. nun (s)	In 17 feet.
Woods Hole Channel Buoy 4	Red; 2d-cl. nun (s)	In 17 feet.
Outer West Flat Buoy 3	Black; 3d-cl. can (s)	In 9 feet.
Inner West Flat Buoy 5	Black; 3d-cl. can (s)	In 9 feet.
GREAT HARBOR		
Great Ledge West End Buoy 2	Red; 1st-cl. spar	In 18 feet.
Nonamesset Gong Buoy 1	Black. White reflector. Spar station buoy.	On southeast end of shoal. In 18 feet. White reflector.
Nonamesset Island Shoals Buoy 1A.	Black; 2d-cl. spar	In 20 feet.
Parker Point Buoy 4	Red; 3d-cl. spar	In 12 feet.
Parker Flats Buoy 6	Red; 2d-cl. spar	In 18 feet.
Red Ledge North Part Buoy 1	Black; 4th-cl. spar	In 14 feet.

Name; mark on aid	Description	Location—Depth
WOODS HOLE		
GREAT HARBOR		
Grassy Island Ledge South Part Buoy 2.	Red; 4th-cl. spar	In 12 feet.
Grassy Island Ledge North Part Buoy 3.	Black; 2d-cl. spar	In 16 feet.
Fish Rock Buoy 2	Red; 2d-cl. spar	Marks rock near end of wharf. In 12 feet.
WOODS HOLE PASSAGE		
Red Ledge Buoy 2	Red; 3d-cl. nun (s)	In 10 feet.
Middle Ledge East End Buoy 1	Black; 2d-cl. can	In 14 feet.
Long Neck Rock Buoy 4	Red; 2d-cl. nun (s)	In 12 feet.
Long Neck Rock Buoy 6	Red; 2d-cl. nun (s)	In 16 feet. Red reflector.
Hadley Rock Buoy	Red and black horizontal bands; 2d-cl. can (s).	In 15 feet.
Forbes Beacon	White barrel shaped	On westernmost point of Nonamesset Island. Red reflectors. Maintained by J. Malcolm Forbes.
Weepecket Rock Buoy	Red and black horizontal bands; 2d-cl. can (s).	On northeast side of rock. In 15 feet.
TARPAULIN COVE		
Cove Rock Buoy 1	Black; 2d-cl. can (s)	In 24 feet.
Single Rock Buoy	Red and black horizontal bands; 3d-cl. can (s).	Off east side of rock In 10 feet.
ROBINSONS HOLE		
Pasque Flat Buoy 1	Black; 3d-cl. can (s)	On shoal making off from southeast part of Pasque Island. In 21 feet.
Two Rocks Buoy 3	Black; 3d-cl. can (s)	In 18 feet.
Naushon Rock Buoy 2	Red; 2d-cl. nun (s)	Marks rock northwest of Naushon Point. In 21 feet.
Middle Ground Southwest Buoy 4	Red; 3d-cl. nun (s)	In 18 feet.
Middle Ground Rock Buoy 6	Red; 3d-cl. nun (s)	Marks rock on west side of Middle Ground. In 14 feet.
Middle Ground Northwest Buoy 8	Red; 3d-cl. nun (s)	In 15 feet.
Pasque Rock Buoy 5	Black; 3d-cl. can (s)	Off northeast side of rocks. In 15 feet.
QUICKS HOLE		
Quicks Hole Bell Buoy 1A	Black	Marks entrance to Quicks Hole. In 42 feet.
Nashawena Flats Buoy 1	Black; 1st-cl. spar	Off point of flats making off from island. In 21 feet.
Lone Rock Buoy	Red and black horizontal bands; 1st-cl. spar.	Off north side of rock and north entrance to Quicks Hole. In 30 feet.
CANAPITSIT CHANNEL		
Canapitsit Entrance Buoy	Black and white vertical stripes; 2d-cl. can.	670 yards 127° from Cuttyhunk Coast Guard station. In 28 feet.
West Rock Buoy 1	Black; 3d-cl. can (s)	In 4 feet.
Sheep Rock Buoy 2	Red; 3d-cl. nun (s)	In 4 feet.
Canapitsit Flats South Buoy 3	Black; 3d-cl. can (s)	In 4 feet.
Canapitsit Flats North Buoy 5	Black; 3d-cl. can (s)	In 4 feet.

Name; mark on aid	Description	Location—Depth
Squibnocket Bell Buoy	Black and white vertical stripes.	In 34 feet.
Squibnocket Point Ridge Shoal Buoy 2.	Red; 1st-cl. spar	On west side of shoal. In 18 feet.
Old Man Ledge Buoy 1	Black; 1st-cl. spar	On northeast end of rocky shoal. In 18 feet.
Lone Rock Buoy 3	Black; 1st-cl. spar	In 30 feet.
Lobster Buoy 4LB	Red; 1st-cl. nun	In 110 feet. Maintained by U. S. Navy from Apr. 1 to Nov. 30.

BUZZARDS BAY

MAIN CHANNEL		
Sow and Pigs Bell Buoy 2 S. & P.	Red	In 45 feet.
Hen and Chickens Buoy 1	Black; 2d-cl. spar	Off south part of ledge. In 24 feet.
Old Cock Beacon	Black; ✚ on iron spindle	On outermost rock of dry Hen and Chickens.
Ribbon Reef Buoy	Red and black horizontal bands; 1st-cl. spar.	In 24 feet.
Wilkes Ledge Buoy	Red and black horizontal bands; 1st-cl. can. Spar buoy in winter.	On south part of shoal. In 21 feet.
Lone Rock Buoy	Red and black horizontal bands; 1st-cl. spar.	Off north side of rock and north entrance to Quicks Hole. In 30 feet.
Great Ledge East Side Buoy 7	Black; 2d-cl. spar	In 24 feet.
Hursell Rock Buoy	Red and black horizontal bands; 2d-cl. spar.	In 24 feet.
Negro Ledge Buoy 5A	Black; 1st-cl. can	In 25 feet.
West Island Shoal Buoy 9	Black; 1st-cl. can. Spar buoy in winter.	In 24 feet.
Weepecket Rock Buoy	Red and black horizontal bands; 2d-cl. can (s).	On northeast side of rock. In 15 feet.
Race Buoy A	White; 2d-cl. spar	In 30 feet. Maintained by Quisset Yacht Club, from July 1 to Sept. 15 each year.
Cormorant Rock Beacon	Black; cage on iron spindle	On rock, off Mattapoisett Neck.
Race Buoy	White spar	175 yards 41° from Cormorant Rock Beacon. Maintained from July 1 to Sept. 15, by Mattapoisett Yacht Club. In 25 feet
Nye Ledge Bell Buoy 9A	Black. Spar buoy substituted in winter.	In 18 feet.
Hamlin Point Rocks Buoy 4	Red; 2d-cl. nun (s)	In 18 feet.
Gifford Ledge Buoy 6	Red; 2d-cl. nun (s)	In 21 feet.
West Falmouth Buoy 2	Red; 2d-cl. nun (s)	In 18 feet. Mark ledges at either side of entrance to channel across bar.
West Falmouth Buoy 1	Black; 2d-cl. can (s)	
Angelica Point Beacon	Black; barrel on iron spindle.	On outer rock off Angelica Point, entrance to Mattapoisett Harbor.
Cleveland Ledge Buoy 7	Black; 1st-cl. spar	Southeast of ledge. In 30 feet.
Cataumet Ledge Buoy 2	Red; 1st-cl. spar	West of small shoal. In 33 feet.
The Bow Bells Buoy 11	Black; 2d-cl. can (s)	Off southeast part of ledge. In 18 feet.
Bird Island Beacon	White tower	East side of entrance to Sippican Harbor. 36 feet high.

Name; mark on aid	Description	Location—Depth
MAIN CHANNEL		
Bird Island Reef Buoy 13	Black; 2d-cl. can (s)	In 21 feet.
Southwest Ledge South Part Buoy 8.	Red; 2d-cl. nun (s)	In 18 feet.
Southwest Ledge North Part Buoy 10.	Red; 2d-cl. nun (s)	In 21 feet.
Mercantile Anchorage Buoy A	White; 1st-cl. spar	2,125 yards 130° from Bird Island Beacon. In 26 feet.
Mercantile Anchorage Buoy B	White; 1st-cl. spar	1,375 yards 269° from Wings Neck Light house. In 28 feet.
CAPE COD CANAL APPROACH		
Abiel Ledge Buoy 1	Black; 2d-cl. can (s)	Southeast of ledge. In 18 feet.
Canal Channel Buoy 6	Red; 1st-cl. spar	In 25 feet.
Canal Channel Buoy 7	Black; 1st-cl. spar	Abreast Wings Cove. In 24 feet.
Canal Channel Buoy 9	Black; 1st-cl. spar	In 21 feet.
Canal Channel Buoy 13	Black; 1st-cl. spar	In 21 feet.
Canal Channel Buoy 10A	Red; 2d-cl. spar	On edge of cut, at turn. In 24 feet.
Canal Channel Buoy 13A	Black; 2d-cl. spar	On edge of cut, abreast preceding. In 24 feet.
Canat Channel Bell Buoy 15	Black. Removed when ice runs.	In 24 feet.
Canal Channel Buoy 15A	Black; 2d-cl. spar	In 24 feet.
Canal Channel Buoy 12	Red; 1st-cl. spar	In 24 feet.
Canal Channel Buoy 12A	Red; 2d-cl. spar	On edge of cut, at turn. In 24 feet.
Canal Channel Buoy 17	Black; 1st-cl. spar	Abreast Tobys Island. In 24 feet.
Canal Channel Buoy 14	Red; 1st-cl. spar	In 24 feet.
Canal Channel Buoy 23	Black; 1st-cl. spar	In 24 feet.
Canal Channel Buoy 25	Black; 1st-cl. spar	In 24 feet.
Canal Channel Buoy 29	Black; 1st-cl. spar	In 24 feet.
WAREHAM RIVER		
Dry Ledge Buoy 12	Red; 3d-cl. nun (s)	In 13 feet.
Wareham River Buoy 14	Red; 3d-cl. nun (s)	In 21 feet.
Wings Cove Flats Buoy 15	Black; 3d-cl. can (s)	In 18 feet.
Great Flats Buoy 16	Red; 3d-cl. nun (s)	In 12 feet.
Weweantic River Flats Buoy 17	Black; 3d-cl. can (s)	In 12 feet.
Middle Ledge Southwest Part Buoy 18.	Red; 3d-cl. nun (s)	In 12 feet.
Cromeset Ledge Southwest Part Buoy 19.	Black; 3d-cl. can (s)	In 15 feet. Off Cromeset Neck. Mark "The Ledges." These are very near each other.
Middle Ledge Northeast Part Buoy 20.	Red; 3d-cl. nun (s)	In 12 feet.
Cromeset Ledge Northeast Part Buoy 21.	Black; 3d-cl can (s)	In 15 feet.
Fox Rocks Buoy 23	Black; 3d-cl. can (s)	In 15 feet.
Long Beach Point Flats Buoy 22.	Red; 3d-cl. nun (s)	In 11 feet.
Long Beach Point Rocks Buoy 25.	Black; 3d-cl. can (s)	In 14 feet
Swifts Flats Upper Part Buoy 27.	Black; 3d-cl. can (s)	In 9 feet.

Name; mark on aid	Description	Location—Depth
WAREHAM RIVER		
Quahaug Bar Buoy 29	Black; 3d-cl. can (s)	In 6 feet.
Shoal Point Buoy 24	Red; 3d-cl. nun (s)	In 9 feet.
Quasuet Point Buoy 31	Black; 3d-cl. can (s)	In 11 feet.
Broad Marsh River Buoy 33	Black; 3d-cl. can (s)	In 12 feet.
Barneys Point Flat Buoy 26	Red; 3d-cl. nun (s)	In 9 feet.
Crab Cove Buoy 28	Red; 3d-cl. nun (s)	In 9 feet.
Lower Middle Buoy 30	Red; 3d-cl nun (s)	In 6 feet.
Upper Middle Buoy 32	Red; 3d-cl. nun (s)	In 6 feet.
Marlow Rock Buoy 34	Red; 3d-cl. nun (s)	In 4 feet.
PHINNEYS HARBOR		
Tobys Island Buoy 2	Red; 3d-cl. nun (s)	In 12 feet.
Monument Rock Buoy	Red and black horizontal bands; 3d-cl. nun (s).	Off northwest part of island. In 8 feet.
Mashnee Flat Buoy 5	Black; 3d-cl. can (s)	Off west part of ledge extending to "Old Cow." In 10 feet.
Cow Rock Ledge Buoy 4	Red; 3d-cl. nun (s)	In 10 feet.
Fishing Rock Ledge Buoy 7	Black; 3d-cl. can (s)	In 10 feet.
Fishing Rock Buoy 6	Red; 3d-cl. nun (s)	In 10 feet.
Cedar Tree Rock Buoy 8	Red; 3d-cl. nun (s)	Off Rocky Point, near rock. In 10 feet.
Hog Island Flat Buoy 9	Black; 3d-cl. can (s)	In 10 feet.
HEAD OF BAY		
Sears Point Buoy 11	Black; 3d-cl. can (s)	Off point. In 10 feet
Middle Ground Lower Part Buoy 13.	Black; 3d-cl. can (s)	In 7 feet.
Middle Ground Upper Part Buoy 15.	Black; 3d-cl. can (s)	In 5 feet.
ONSET BAY		
Mashnee Island Ledge Buoy 5	Black; 3d-cl. can (s)	In 8 feet.
Hog Island Ledge Buoy 2	Red; 3d-cl. nun (s)	In 16 feet.
Hog Neck Buoy 7	Black; 3d-cl. can (s)	In 15 feet.
Onset Narrows Buoy 9	Black; 3d-cl. can (s)	In 8 feet.
Onset Channel Buoy 11	Black; 3d-cl. can (s)	In 9 feet.
Onset Channel Buoy 4	Red; 3d-cl. nun (s)	In 9 feet.
Onset Channel Buoy 13	Black; 3d-cl. can (s)	In 8 feet.
Onset Channel Buoy 6	Red; 3d-cl. nun (s)	In 8 feet.
CUTTYHUNK HARBOR		
Middle Ground Buoy 1	Black; 2d-cl. can (s)	In 18 feet.
Whale Rock Buoy 4	Red; 2d-cl. nun (s)	On end of shoal making out from Cuttyhunk. In 18 feet.
Edwards Rock Buoy	Red and black horizontal bands; 2d-cl. nun (s).	In 15 feet.
Middle Ledge Buoy	Red and black horizontal bands; 2d-cl. nun (s).	In 18 feet.
CUTTYHUNK POND APPROACH		
Cuttyhunk Channel Buoy 2	Red; 3d-cl. nun (s)	In 7 feet.

Name; mark on aid	Description	Location—Depth
CUTTYHUNK HARBOR		
Pease Ledge Buoy 4	Red; 2d-cl. nun (s)	In 15 feet.
Gull Island Ledge Buoy 3	Black; 2d-cl. can (s)	In 18 feet.
Gull Island South Point Buoy 5	Black; 2d-cl. can (s)	In 22 feet.
NEW BEDFORD HARBOR APPROACHES		
Wilkes Ledge Buoy	Red and black horizontal bands; 1st-cl. can. Spar buoy in winter.	On south part of shoal. In 21 feet.
Salters Point Ledge Buoy 5	Black; 1st-cl. spar	In 24 feet.
Seventeen-Foot Spot Buoy	Red and black horizontal bands; 2d-cl. spar.	In 24 feet.
Dumpling Rock Buoy 7	Black; 2d-cl. spar	In 24 feet.
Great Ledge West Part Buoy 6	Red; 2d-cl. spar	In 24 feet.
NEW BEDFORD HARBOR		
Middle Ledge Buoy	Red and black horizontal bands; 2d-cl. spar, with bush.	On east side of rock. In 18 feet.
Inez Rock Buoy	Red and black horizontal bands; 2d-cl. spar.	In 18 feet.
Clark Cove Entrance Buoy	Black and white spar	In 23 feet. Maintained by town of Dartmouth.
Church Rock Buoy 6 A	Red; 2d-cl. spar	In 24 feet.
Decatur Rock Buoy 8	Red; 2d-cl. spar	In 24 feet.
Old Bartlemy Buoy 7	Black; 2d-cl. spar	In 24 feet.
New Bedford Channel Buoy 1	Black; 1st-cl. spar	In 24 feet.
New Bedford Channel Buoy 2	Red; 1st-cl. spar	200 yards 58° from Butler Flats Lighthouse. In 24 feet.
Egg Island Beacon	White; double triangle daymark on spindle, on granite cylinder.	
Range Beacon	Black ball on white triangular pyramid.	On Fort Point, Fairhaven.
New Bedford Channel Buoy 2 A	Red; 1st-cl. spar	In 24 feet.
New Bedford Channel Buoy 1 A	Black; 1st-cl. spar	725 yards 289° from Egg Island Beacon In 24 feet.
New Bedford Channel Buoy 3	Black; 1st-cl. spar	In 24 feet.
New Bedford Channel Buoy 4	Red; 1st-cl. spar	In 24 feet.
New Bedford Channel Buoy 5	Black; 1st-cl. spar	In 24 feet
New Bedford Channel Buoy 6	Red; 1st-cl. spar	In 24 feet.
New Bedford Channel Buoy 8	Red; 1st-cl. spar	In 24 feet.
New Bedford Channel Buoy 7	Black; 1st-cl. spar	In 25 feet
Dix Ledge Buoy 2	Red; 3d-cl. spar	In 12 feet.
New Bedford Channel Buoy 10	Red; 1st-cl. spar	In 24 feet.
New Bedford Channel Buoy 9	Black; 1st-cl. spar	In 24 feet.
Edison Channel Buoy 11	Black; 1st-cl. spar	In 24 feet.
New Bedford Channel Buoy 12	Red; 1st-cl. spar	In 24 feet.

Name; mark on aid	Description	Location—Depth
NEW BEDFORD HARBOR		
New Bedford Channel Buoy 13	Black; 1st-cl. spar	In 30 feet
Fish Island Flats Buoy 2	Red; 3d-cl. nun (s)	In 18 feet.
Fish Island Flats Buoy 4	Red; 3d-cl. nun (s)	In 18 feet.
New Bedford Channel Buoy 14	Red; 1st-cl. spar	In 21 feet.
Acushnet River Buoy 2	Red; 1st-cl. spar	In 24 feet.
Acushnet River Buoy 4	Red; 1st-cl. spar	In 24 feet.
Acushnet River Buoy 6	Red; 1st-cl. spar	In 24 feet.
NEW BEDFORD HARBOR APPROACH		
EAST CHANNEL		
Hursell Rock Buoy	Red and black horizontal bands; 2d-cl. spar.	In 24 feet.
Great Ledge East Side Buoy 7	Black; 2d-cl. spar	In 24 feet.
Phinney Rock Buoy 1 A	Black; 2d-cl. spar	In 24 feet.
North Ledge Buoy 3	Black; 2d-cl. can. Spar buoy substituted in winter.	Off southeast part of ledge. In 20 feet.
Brooklyn Rock Buoy	Red and black horizontal bands; 2d-cl. spar.	On south side of rock.
Henrietta Rock Buoy	Red and black horizontal bands; 2d-cl. spar.	On southwest side of rock. In 20 feet.
North Ledge Northeast Part Buoy 3 A.	Black; 2d-cl. spar	In 20 feet.
Packet Rock Ledge Buoy 6	Red; 2d-cl. spar	In 18 feet.
PACKET ROCK PASSAGE		
West Island Ledge Buoy 2	Red; 2d-cl. spar	In 18 feet.
Black Rock Beacon	Red; cask on end on iron spindle.	
Packet Rock Buoy 1	Black; 2d-cl. spar	In 18 feet.
APPONAGANSET BAY		
Fatal Rock Buoy	Red and black horizontal bands; 4th-cl. spar.	In 9 feet.
Hussey Rock Buoy 1	Black; 2d-cl. spar	In 18 feet.
Keel Rock Buoy 3	Black; 2d-cl. spar	Northeast of rock. In 15 feet.
Barekneed Rock Beacon	Black; horizontal cross on iron spindle.	32 feet high; 1.3 miles 334° from Dumpling Rock Lighthouse.
Lone Rock Buoy	Red and black horizontal bands; 2d-cl. spar.	In 18 feet.
Bents Ledge Buoy 2	Red; 2d-cl. spar	In 17 feet.
Dartmouth Rock Buoy 6	Red; 3d-cl. spar	In 15 feet.
Padanaram Channel Buoy 8	Red; 3d-cl. spar	Marks turn in channel. In 12 feet.
Anchorage Buoy A	White; 3d-cl. spar	In 9 feet. Maintained from May 1 to Dec. 1, by Town of Dartmouth, Mass.
Anchorage Buoy B	White; 3d-cl. spar	
Anchorage Buoy C	White; 3d-cl. spar	
Anchorage Buoy D	White; 3d-cl. spar	

Name; mark on aid	Description	Location—Depth
MATTAPOISETT HARBOR		
Mattapoisett Ledge Southeast Part Buoy 1.	Black; 2d-cl. can (s)	In 18 feet.
Barn Rock Buoy 2	Red; 2d-cl. nun (s)	Off Angelica Point. In 16 feet.
Gallatin Rock Buoy 3	Black; 2d-cl. can (s)	In 18 feet.
Snow Rock Buoy 4	Red; 2d-cl. nun (s)	In 18 feet.
Sunken Ledge Buoy 5	Black; 2d-cl. can (s)	In 15 feet.
Barstow Rock Buoy	Red and black horizontal bands; 2d-cl. nun (s)	In 15 feet.
Landing Rock Buoy 6	Red; 3d-cl. nun (s)	In 12 feet.
SIPPICAN HARBOR		
Mendells Rock Buoy 1	Black; 3d-cl. can (s)	In 12 feet.
Seal Rocks Buoy 3	Black; 3d-cl. can (s)	In 18 feet.
Black Rock Buoy 5	Black; 3d-cl. can (s)	In 15 feet.
Ram Island Point Shoal Buoy 4	Red; 3d-cl. nun (s)	In 12 feet.
Hood Rock Beacon	Red and black; keg on iron spindle.	Maintained by F. C. Hood, Watertown, Mass., from May 1 to Nov. 1.
Ram Island Passage Buoy 1	Black; 4th-cl. spar	In 2 feet. Maintained by Mr. Frederic C. Hood, Watertown, Mass., May 1 to Nov. 1.
Ram Island Passage Buoy 2	Red; 4th-cl. spar	
Ram Island Passage Buoy 3	Black; 4th-cl. spar	
Ram Island Passage Buoy 4	Red; 4th-cl. spar	
Ram Island Passage Buoy 5	Black; 4th-cl. spar	
Ram Island Passage Buoy 6	Red; 4th-cl. spar	
Gull Rock Buoy 7	Black; 3d-cl. can (s)	In 8 feet.
Luce Ledge Buoy 9	Black; 3d-cl. can (s)	In 10 feet.
Gull Rocks Beacon	Red; can on iron staff	Maintained by Mr. Donald Angier, Marion, Mass., May 1 to Nov. 1.
Egg Rock Beacon	Black; can on iron staff	
KITTANSETT CHANNEL		
Kittansett Buoy 1	Black spar	Maintained by Kittansett Realty Trust Co., from Apr. 1 to Nov. 1. In 5 feet.
Kittansett Buoy 2	Red spar	
Kittansett Buoy 3	Black spar	
Kittansett Buoy 4	Red spar	
QUAMQUISSET HARBOR		
East Point Buoy 1	Black; 3d-cl. can (s)	In 18 feet.
Southeast Point Buoy 3	Black; 3d-cl. can (s)	In 15 feet.
Quisset Rock Buoy 4	Red; 3d-cl. nun (s)	In 15 feet.
Lone Rock Buoy 5	Black; 3d-cl. can (s)	Close alongside south side of rock. In 15 feet.
CATAUMET HARBOR		
Seal Rocks Buoy 1	Black; 3d-cl. can (s)	In 18 feet.
Cataumet Rock Buoy 2	Red; 3d-cl. nun (s)	In 21 feet.
Scraggy Neck Southeast Point Buoy 3.	Black; 3d-cl. can (s)	In 12 feet.
Channel Rock Buoy 5	Black; 3d-cl. can (s)	In 10 feet.
Nye Flats Buoy 4	Red; 3d-cl. nun (s)	In 10 feet.

Name; mark on aid	Description	Location—Depth
POCASSET HARBOR		
Eustis Rock Buoy	Red and black horizontal bands; 3d-cl. can (s)	In 15 feet.
Bassett Island West Point Buoy 2	Red; 3d-cl. nun (s)	In 18 feet.
Chadwick Point Buoy 1	Black; 3d-cl. can (s)	In 10 feet.
Pocasset Ledge Buoy 3	Black; 3d-cl. can (s)	In 10 feet.
Pocasset Ledge Buoy 5	Black; 3d-cl. can (s)	In 10 feet.
Bassett Island Flat North Part Buoy 4.	Red; 3d-cl. nun (s)	In 9 feet.
Harbor Flat Buoy 7	Black; 3d-cl. can (s)	Off flat; marks entrance to Barlow Harbor. In 9 feet.
Channel Rock Buoy 6	Red; 3d-cl. nun (s)	In 10 feet. On edge of channel—rocks inside.
Pocasset Rocks Buoy 9	Black; 3d-cl. can (s)	In 10 feet. Rocks just eastward of buoy.
WESTPORT HARBOR		
Old Cock Beacon	Black; ✚ on iron spindle	On outermost rock of dry Hen and Chickens.
Lumber Rocks Buoy 2	Red; 2d-cl. nun (s)	In 24 feet.
Little Southwest Rock Beacon	Red; cask on iron spindle	Off Gooseberry Neck.
Two-Mile Rock Bell Buoy 1 A	Black. Spar buoy substituted when ice runs.	In 42 feet.
Two-Mile Rock Buoy 1	Black; 2d-cl. can (s)	In 25 feet.
Two-Mile Rock Beacon	Black; spherical cage on iron spindle.	On northwest side of rock.
Dogfish Ledge Buoy 3	Black; 3d-cl. can (s)	In 18 feet.
Westport Buoy 4	Red; 3d-cl. nun (s)	In 10 feet.
Westport Buoy 2	Red; 2d-cl. nun (s)	In 12 feet.
Five-Foot Ledge Buoy 6	Red; 3d-cl. nun (s)	In 7 feet.
Horse-neck Point Buoy 8	Red; 3d-cl. nun (s)	In 7 feet.
Middle Ground Lower Buoy 5	Black; 3d-cl. can (s)	In 7 feet.
Middle Ground Upper Buoy 7	Black; 3d-cl. can (s)	In 7 feet.
Gifford Shoal Buoy 9	Black; 3d-cl. can(s)	In 7 feet.
Channel Turn Lower Buoy 10	Red; 3d-cl. nun (s)	In 7 feet.
Channel Turn Upper Buoy 12	Red; 3d-cl. nun (s)	In 7 feet.
Rock Buoy 14	Red; 3d-cl. nun (s)	In 7 feet.
Flat Ground Buoy 11	Black; 3d-cl. can (s)	In 7 feet.

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